Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
Data File : VW012542.D
Acq On : 03 Sep 2019 13:20
Operator : SY/VA
Sample : VW0903SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Sep 03 14:04:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	232504	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	365452	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	315805	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156648	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	139645	50.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.04%				
35) Dibromofluoromethane	7.88	113	112097	51.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.78%				
50) Toluene-d8	10.32	98	444146	50.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.42%				
62) 4-Bromofluorobenzene	12.62	95	159571	51.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.36%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.00	85	22965	16.041	ug/l		97
3) Chloromethane	2.21	50	36412	16.417	ug/l		99
4) Vinyl Chloride	2.36	62	40307	14.848	ug/l		97
5) Bromomethane	2.76	94	20454	14.877	ug/l		96
6) Chloroethane	2.91	64	23255	15.185	ug/l		97
7) Trichlorofluoromethane	3.25	101	24906	18.271	ug/l		100
8) Diethyl Ether	3.68	74	24936	19.272	ug/l		95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42636	18.401	ug/l		97
10) Methyl Iodide	4.26	142	56523	18.029	ug/l		100
11) Tert butyl alcohol	5.20	59	17502	105.224	ug/l		97
12) 1,1-Dichloroethene	4.03	96	41684	17.874	ug/l		98
13) Acrolein	3.89	56	10043	64.144	ug/l		95
14) Allyl chloride	4.66	41	91733	18.399	ug/l		99
15) Acrylonitrile	5.37	53	62550	97.532	ug/l		99
16) Acetone	4.13	43	62934	89.077	ug/l		99
17) Carbon Disulfide	4.38	76	99726	14.149	ug/l		97
18) Methyl Acetate	4.67	43	39022	22.300	ug/l		98
19) Methyl tert-butyl Ether	5.42	73	78655	20.856	ug/l		97
20) Methylene Chloride	4.91	84	49872	18.672	ug/l		97
21) trans-1,2-Dichloroethene	5.42	96	46452	18.574	ug/l		97
22) Diisopropyl ether	6.31	45	185482	20.070	ug/l		100
23) Vinyl Acetate	6.25	43	542939	95.464	ug/l		99
24) 1,1-Dichloroethane	6.21	63	98313	19.538	ug/l		99
25) 2-Butanone	7.18	43	91249	95.044	ug/l		97
26) 2,2-Dichloropropane	7.16	77	56660	19.894	ug/l		99
27) cis-1,2-Dichloroethene	7.16	96	53516	20.029	ug/l		99
28) Bromochloromethane	7.51	49	43836	19.988	ug/l	#	94
29) Tetrahydrofuran	7.53	42	56151	97.484	ug/l		98
30) Chloroform	7.67	83	93982	20.415	ug/l		100
31) Cyclohexane	7.95	56	84620	16.998	ug/l	#	95
32) 1,1,1-Trichloroethane	7.87	97	72818	19.995	ug/l		99
36) 1,1-Dichloropropene	8.08	75	72344	19.156	ug/l		99
37) Ethyl Acetate	7.25	43	40013	19.335	ug/l		99
38) Carbon Tetrachloride	8.07	117	64692	19.792	ug/l		96

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Operator : SY/VA
Sample : VW0903SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Sep 03 14:04:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76427	18.014 ug/l	97
40) Benzene	8.32	78	203556	19.740 ug/l	99
41) Methacrylonitrile	7.48	41	23985	19.720 ug/l	95
42) 1,2-Dichloroethane	8.40	62	65948	20.405 ug/l	99
43) Isopropyl Acetate	8.42	43	76716	20.013 ug/l	99
44) Trichloroethene	9.09	130	50304	20.067 ug/l	94
45) 1,2-Dichloropropane	9.37	63	55907	20.145 ug/l	99
46) Dibromomethane	9.46	93	24712	20.013 ug/l	96
47) Bromodichloromethane	9.64	83	67573	20.562 ug/l	95
48) Methyl methacrylate	9.43	41	36438	19.972 ug/l	95
49) 1,4-Dioxane	9.46	88	7511	397.334 ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	197601	101.347 ug/l	100
52) Toluene	10.38	92	124172	20.044 ug/l	99
53) t-1,3-Dichloropropene	10.60	75	67470	20.155 ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	79974	19.786 ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36655	20.981 ug/l	98
56) Ethyl methacrylate	10.65	69	52368	20.595 ug/l	99
57) 1,3-Dichloropropane	10.93	76	69550	21.066 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	129739	99.418 ug/l	99
59) 2-Hexanone	10.97	43	135595	98.288 ug/l	99
60) Dibromochloromethane	11.13	129	39952	20.531 ug/l	98
61) 1,2-Dibromoethane	11.24	107	34288	21.066 ug/l	98
64) Tetrachloroethene	10.86	164	41433	20.236 ug/l	99
65) Chlorobenzene	11.66	112	127984	20.581 ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46377	21.378 ug/l	100
67) Ethyl Benzene	11.73	91	244966	20.450 ug/l	99
68) m/p-Xylenes	11.84	106	175534	40.681 ug/l	99
69) o-Xylene	12.16	106	82686	20.705 ug/l	99
70) Styrene	12.18	104	144876	20.959 ug/l	99
71) Bromoform	12.35	173	22431	20.753 ug/l #	99
73) Isopropylbenzene	12.46	105	236224	20.125 ug/l	99
74) N-amyl acetate	12.27	43	68598	19.343 ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	41753	19.403 ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	55777	36.560 ug/l #	100
77) Bromobenzene	12.74	156	52029	20.489 ug/l	96
78) n-propylbenzene	12.80	91	283377	19.776 ug/l	98
79) 2-Chlorotoluene	12.89	91	160272	19.700 ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	199452	20.335 ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	13319	19.141 ug/l	96
82) 4-Chlorotoluene	12.99	91	171329	20.113 ug/l	100
83) tert-Butylbenzene	13.21	119	169677	20.423 ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	199308	20.229 ug/l	100
85) sec-Butylbenzene	13.38	105	239014	20.080 ug/l	99
86) p-Isopropyltoluene	13.50	119	218620	20.566 ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	101243	20.384 ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	99427	20.161 ug/l	98
89) n-Butylbenzene	13.82	91	207229	19.603 ug/l	99
90) Hexachloroethane	14.10	117	35861	19.228 ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	90390	20.745 ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7271	20.043 ug/l	97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090319\
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Acq On : 03 Sep 2019 13:20
Operator : SY/VA
Sample : VW0903SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Sep 03 14:04:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	62626	20.798	ug/l	99
94) Hexachlorobutadiene	15.24	225	42947	21.600	ug/l	96
95) Naphthalene	15.36	128	106806	20.835	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	54617	20.790	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090319\
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Acq On : 03 Sep 2019 13:20
Operator : SY/VA
Sample : VW0903SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

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Quant Title : SW846 8260
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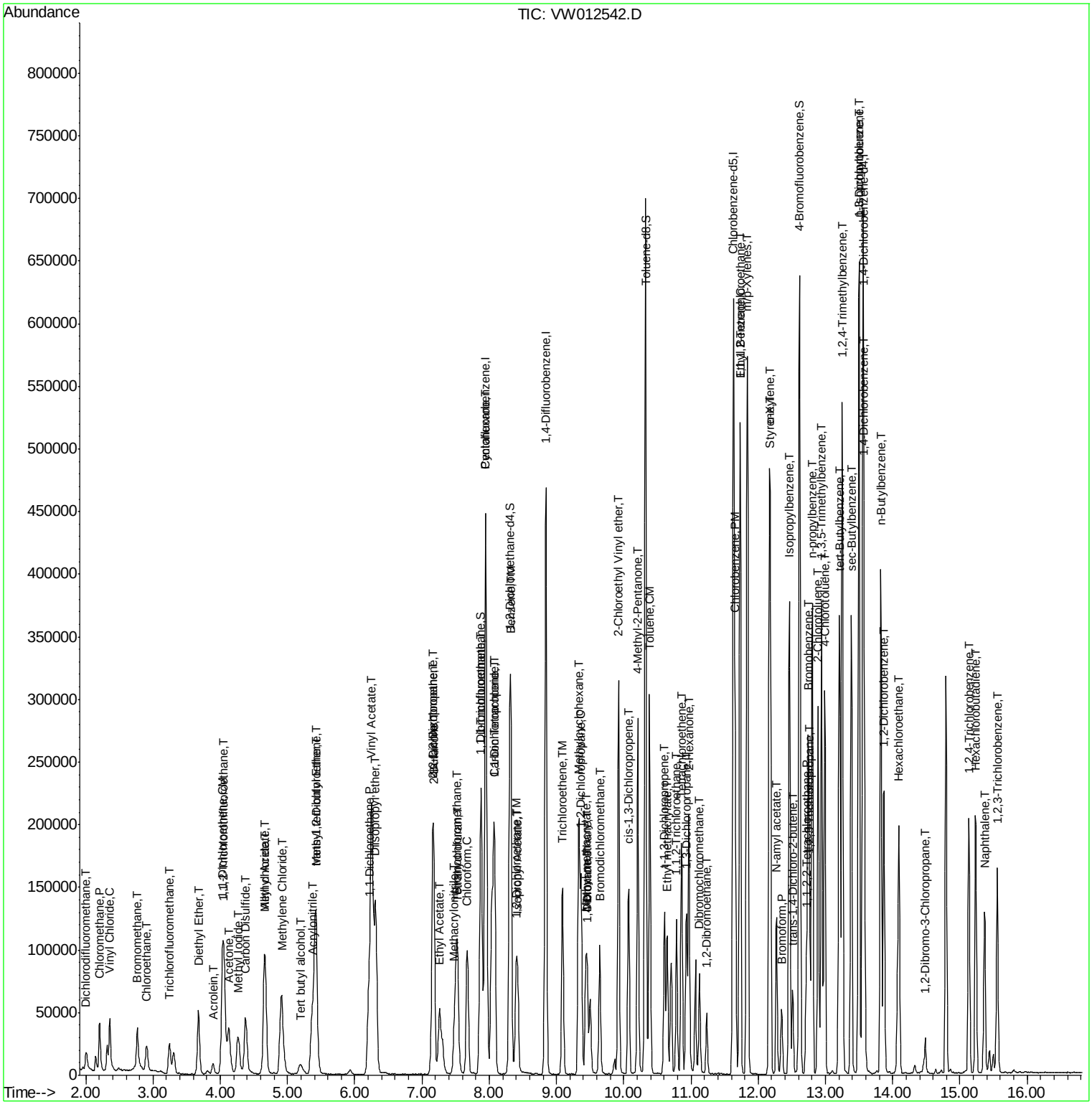
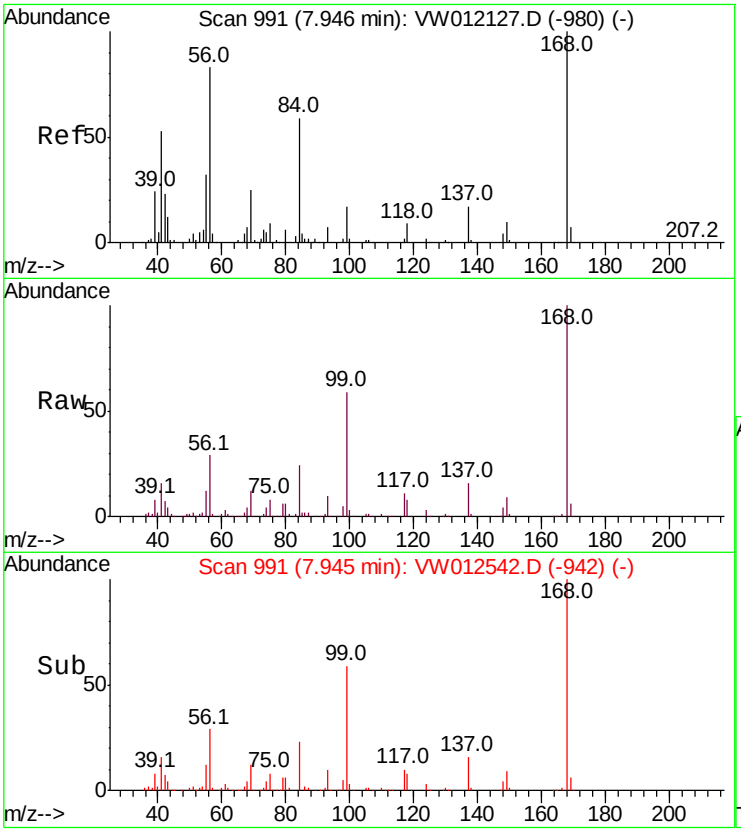


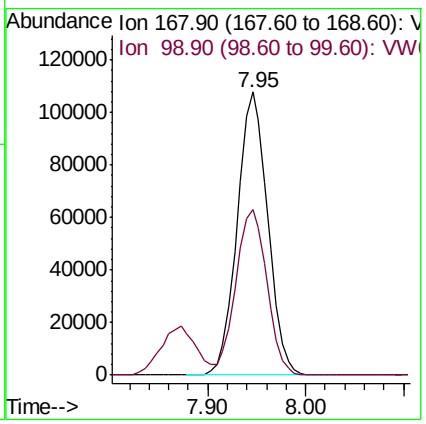


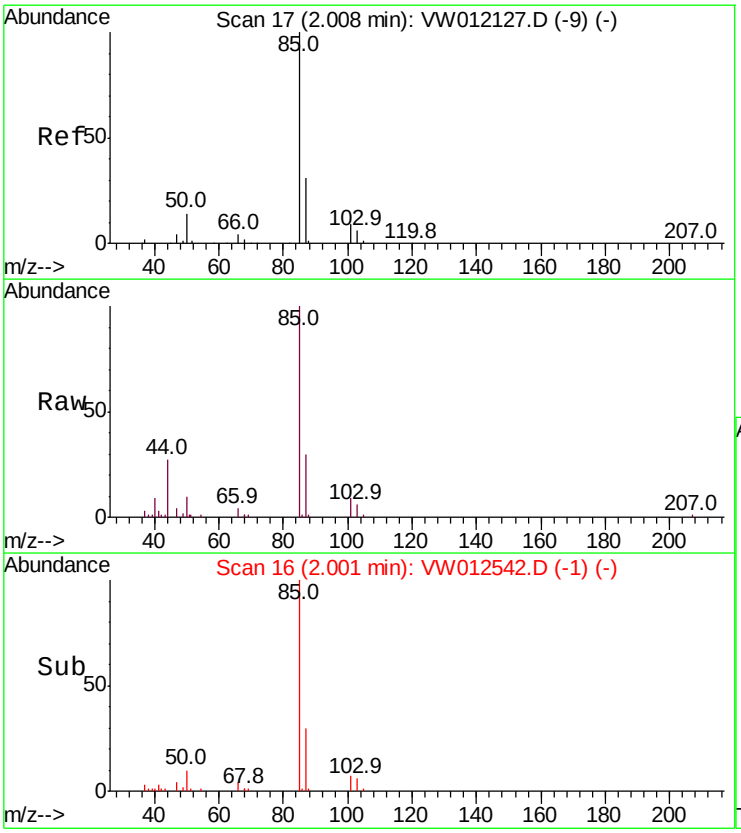
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:168 Resp: 232504

Ion	Ratio	Lower	Upper
168	100		
99	58.5	49.2	73.8

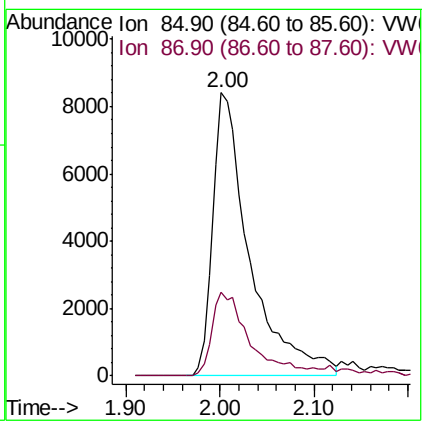


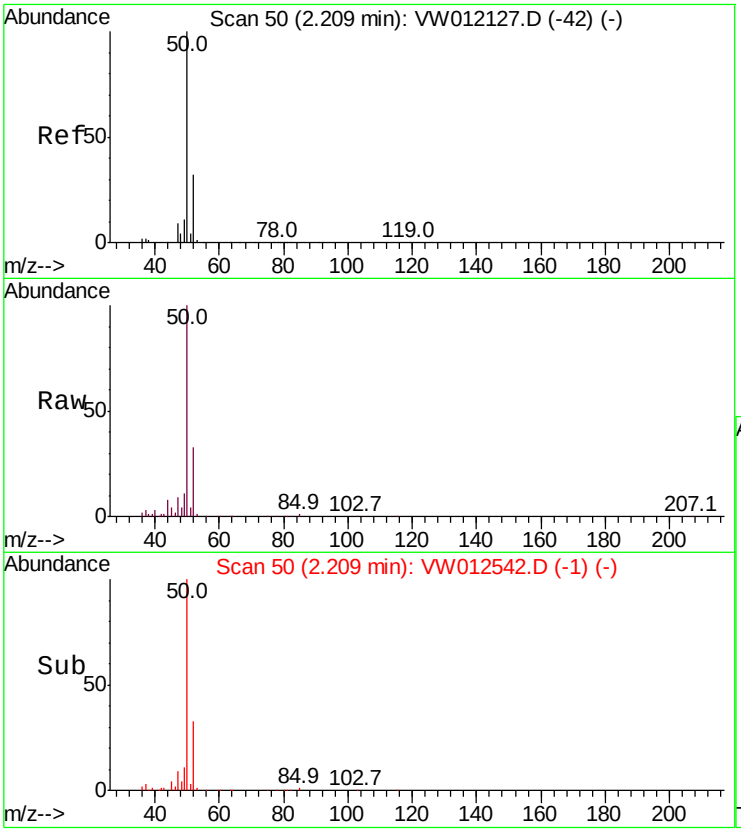


#2
Dichlorodifluoromethane
Concen: 16.041 ug/l
RT: 2.00 min Scan# 16
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 85 Resp: 22965

Ion	Ratio	Lower	Upper
85	100		
87	29.5	15.6	46.8



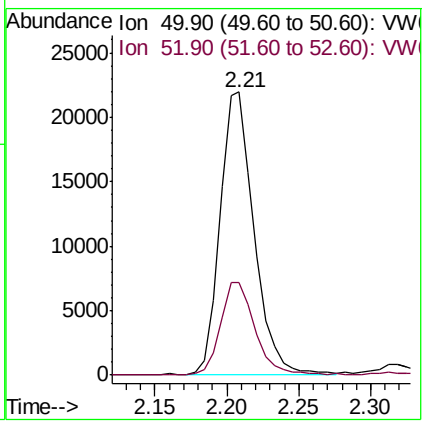


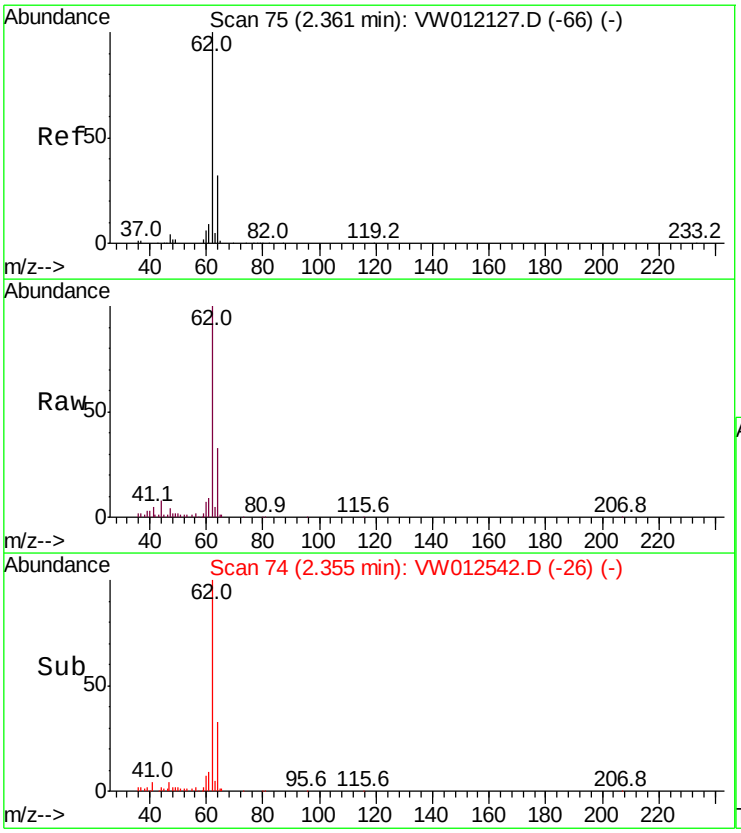
#3
Chloromethane
Concen: 16.417 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 50 Resp: 36412

Ion	Ratio	Lower	Upper
50	100		
52	32.4	25.5	38.3

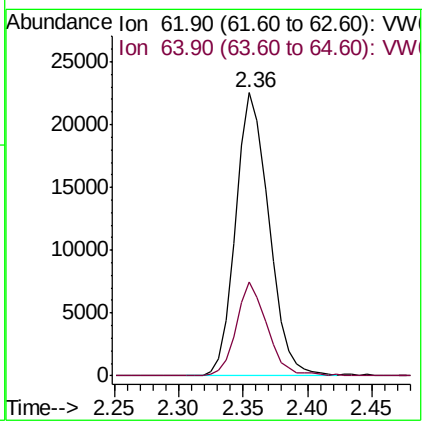


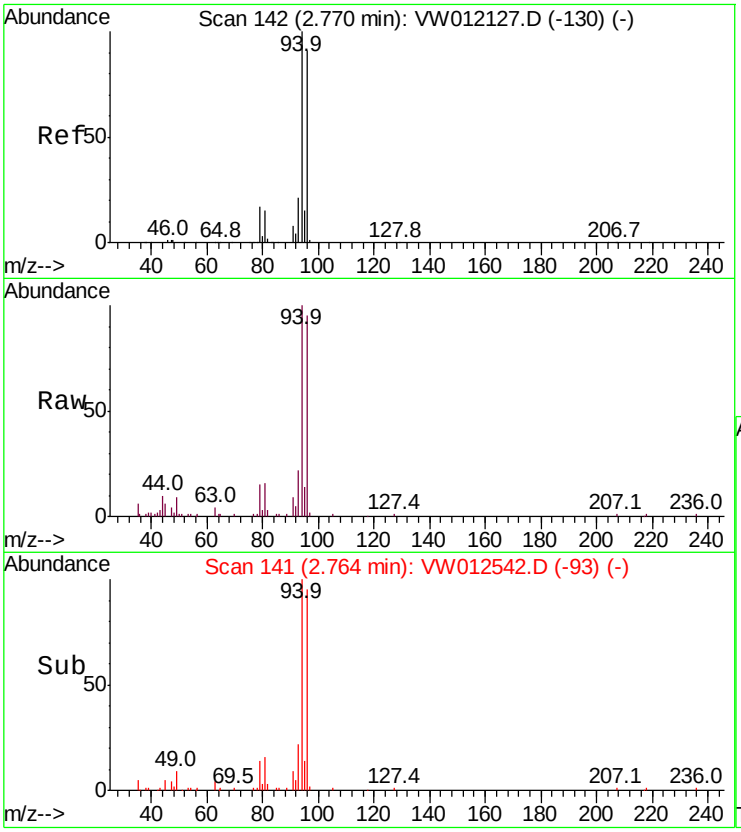


#4
Vinyl Chloride
Concen: 14.848 ug/l
RT: 2.36 min Scan# 74
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 62 Resp: 40307

Ion	Ratio	Lower	Upper
62	100		
64	33.3	25.3	37.9



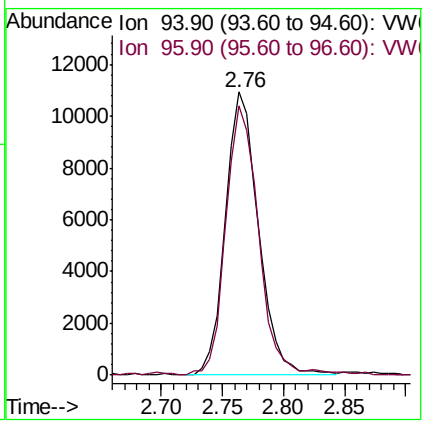


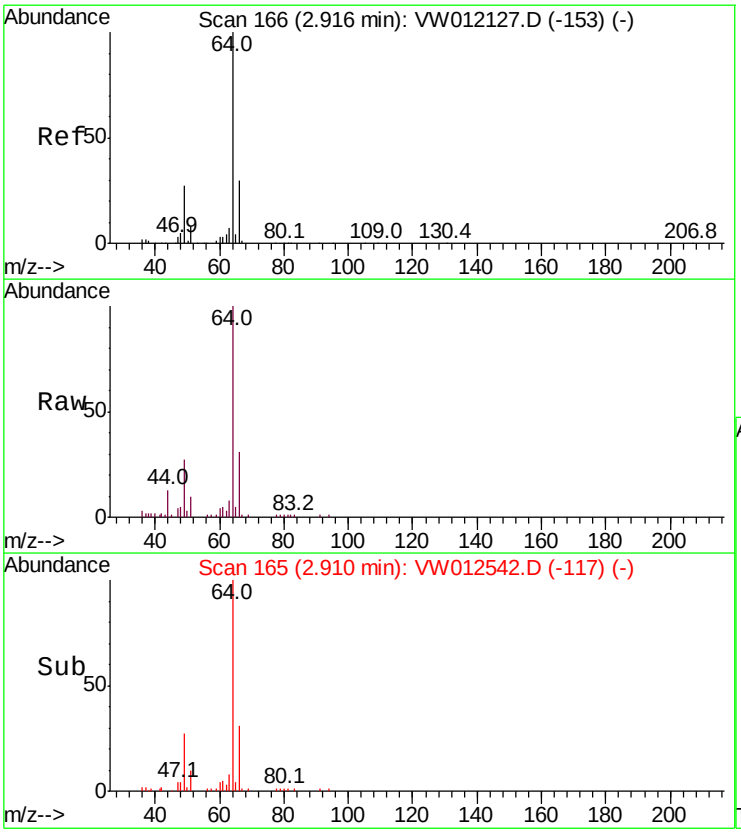
#5
Bromomethane
Concen: 14.877 ug/l
RT: 2.76 min Scan# 141
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 94 Resp: 20454

Ion	Ratio	Lower	Upper
94	100		
96	95.0	72.9	109.3

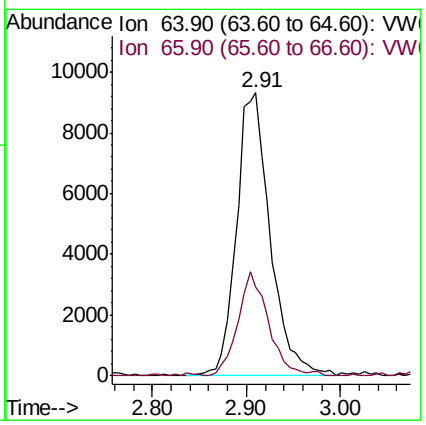


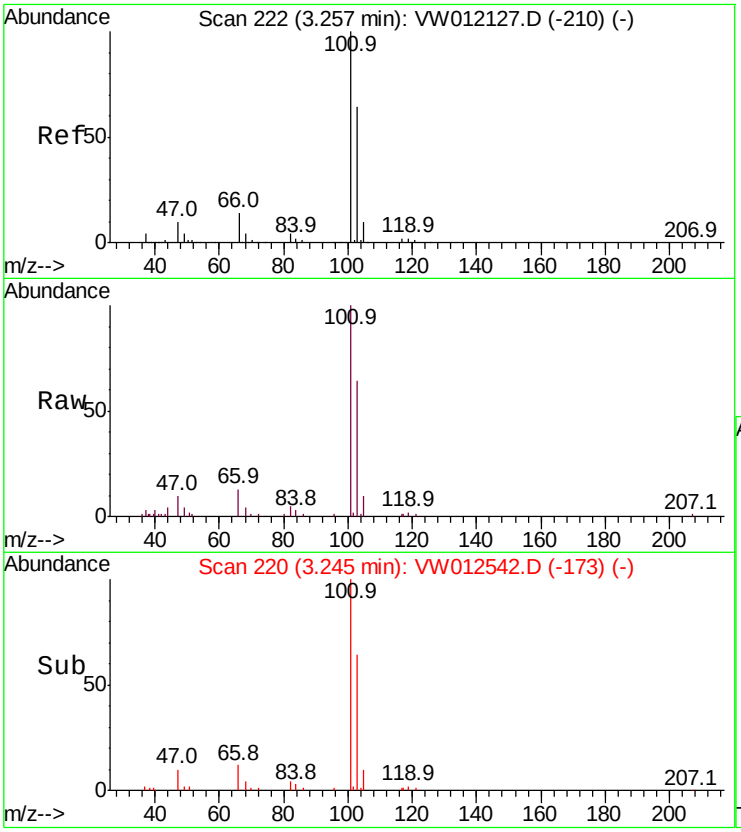


#6
Chloroethane
Concen: 15.185 ug/l
RT: 2.91 min Scan# 165
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 64 Resp: 23255

Ion	Ratio	Lower	Upper
64	100		
66	31.3	23.8	35.8



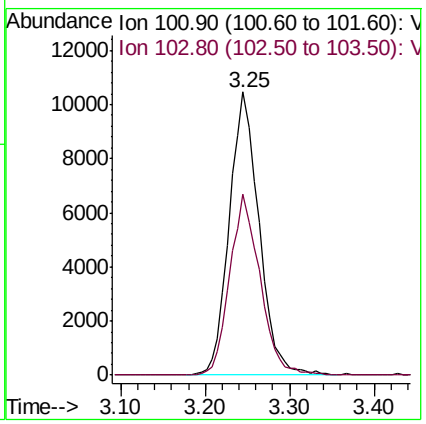


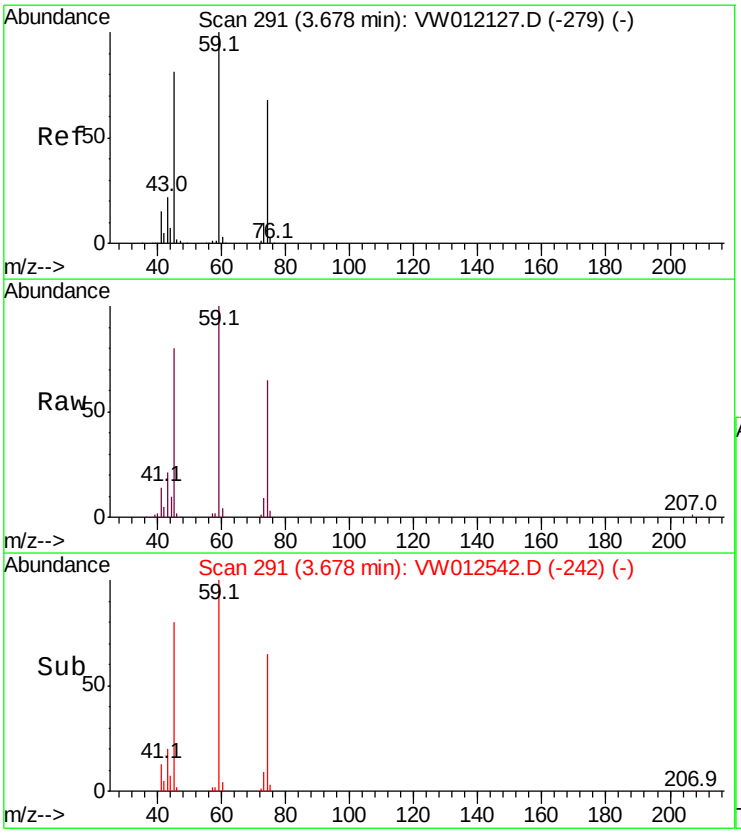
#7
Trichlorofluoromethane
Concen: 18.271 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:101 Resp: 24906

Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.2	76.8

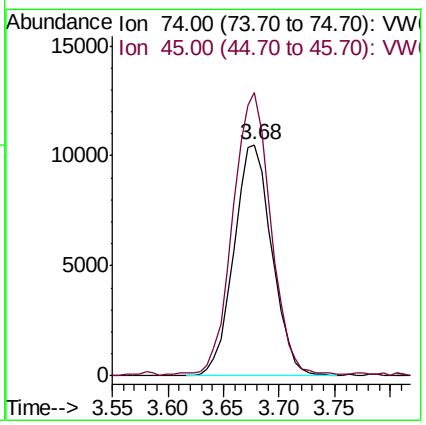


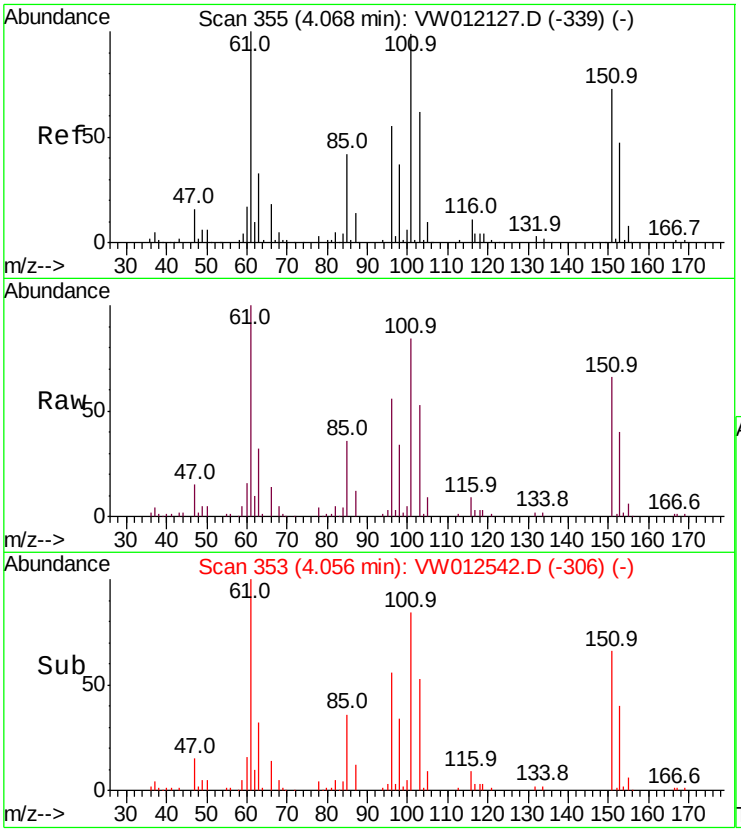


#8
Diethyl Ether
Concen: 19.272 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 74 Resp: 24936

Ion	Ratio	Lower	Upper
74	100		
45	123.6	59.2	177.6



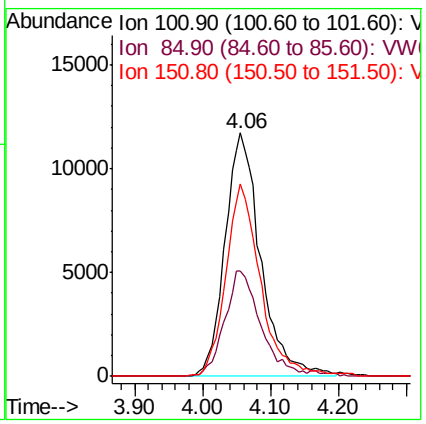


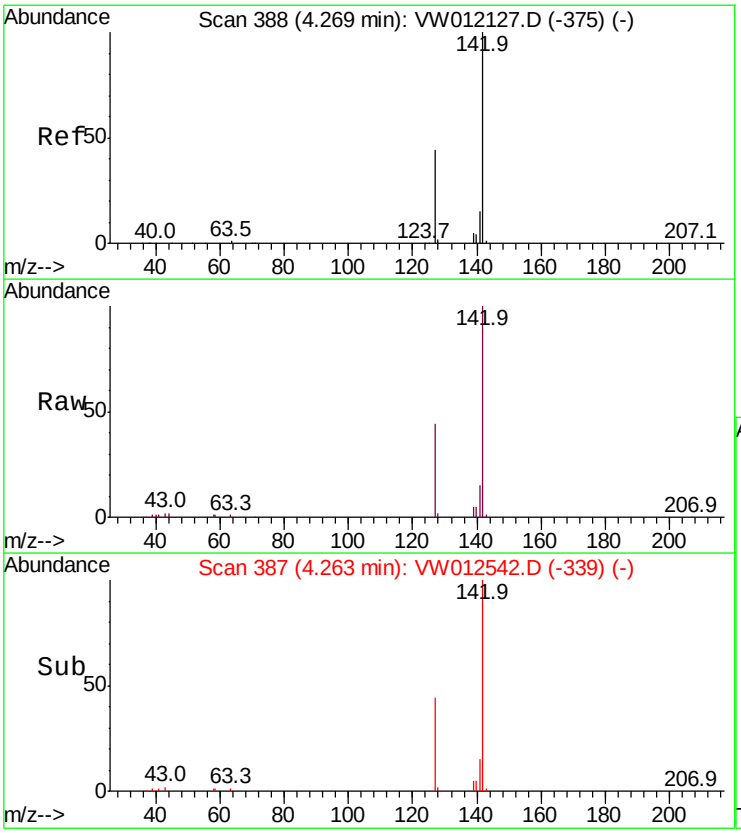
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.401 ug/l
RT: 4.06 min Scan# 353
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:101 Resp: 42636

Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.8	53.6
151	77.0	58.6	87.8

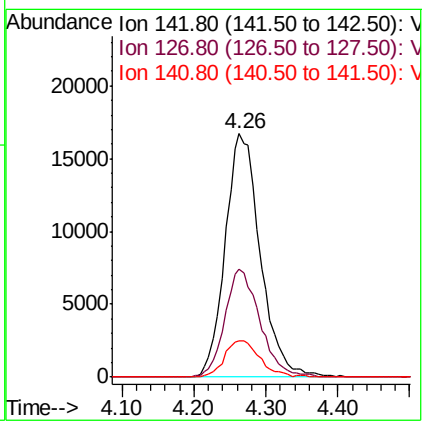


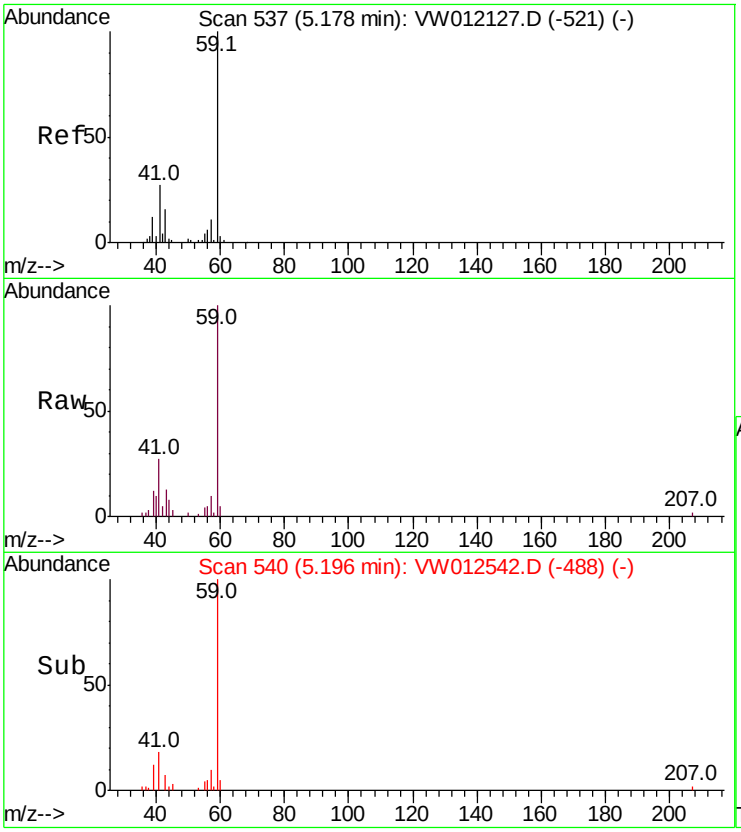


#10
Methyl Iodide
Concen: 18.029 ug/l
RT: 4.26 min Scan# 387
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion:142 Resp: 56523

Ion	Ratio	Lower	Upper
142	100		
127	44.4	35.5	53.3
141	15.0	11.8	17.8



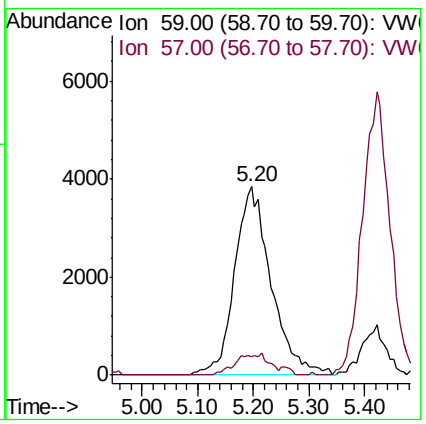


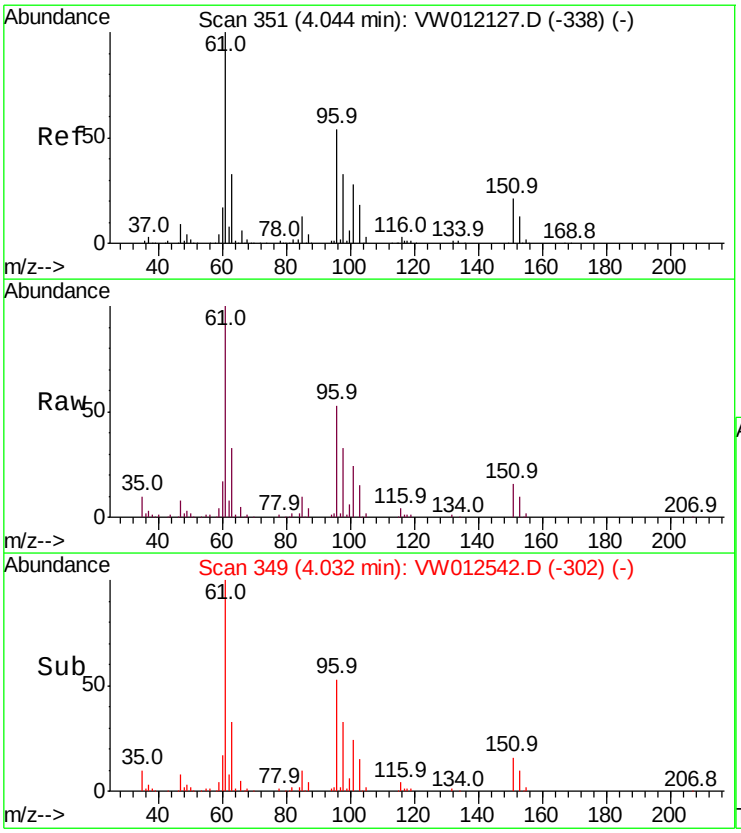
#11
Tert butyl alcohol
Concen: 105.224 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.02 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 59 Resp: 17502

Ion	Ratio	Lower	Upper
59	100		
57	10.2	9.0	13.4

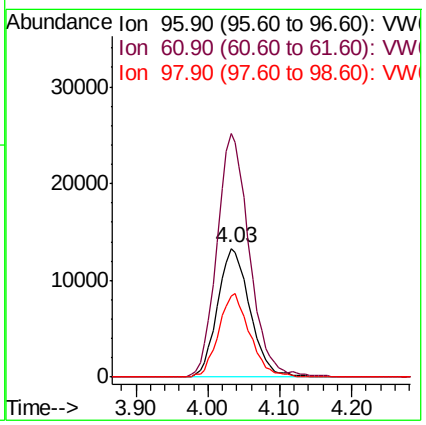


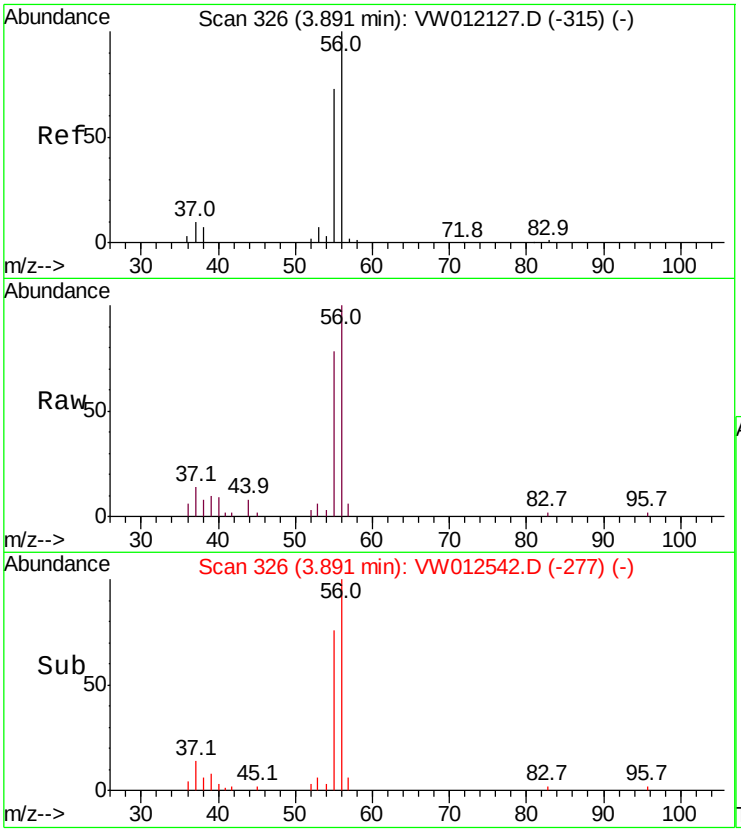


#12
1,1-Dichloroethene
Concen: 17.874 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 96 Resp: 41684

Ion	Ratio	Lower	Upper
96	100		
61	189.6	149.1	223.7
98	63.2	49.4	74.2



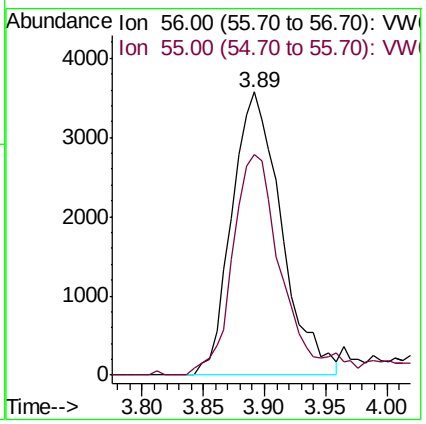


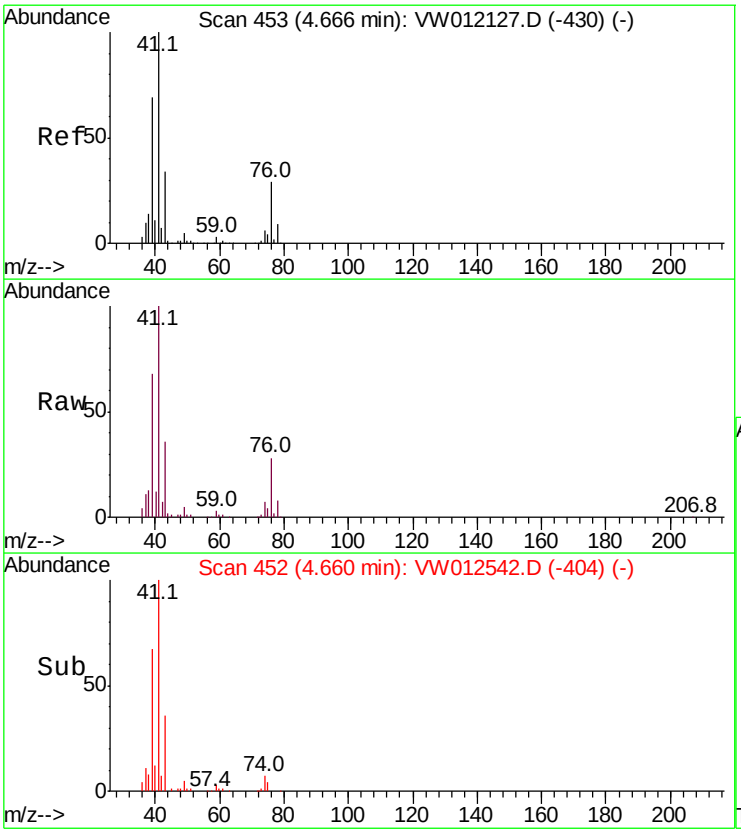
#13
Acrolein
Concen: 64.144 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 10043

Ion	Ratio	Lower	Upper
56	100		
55	73.6	55.8	83.8

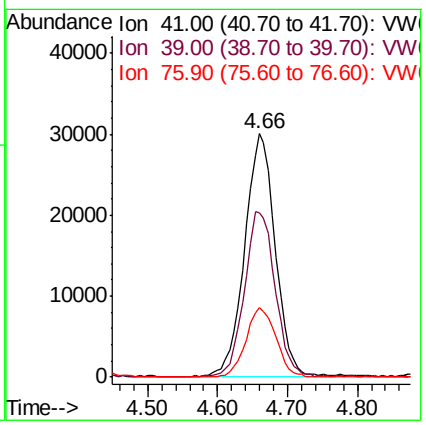


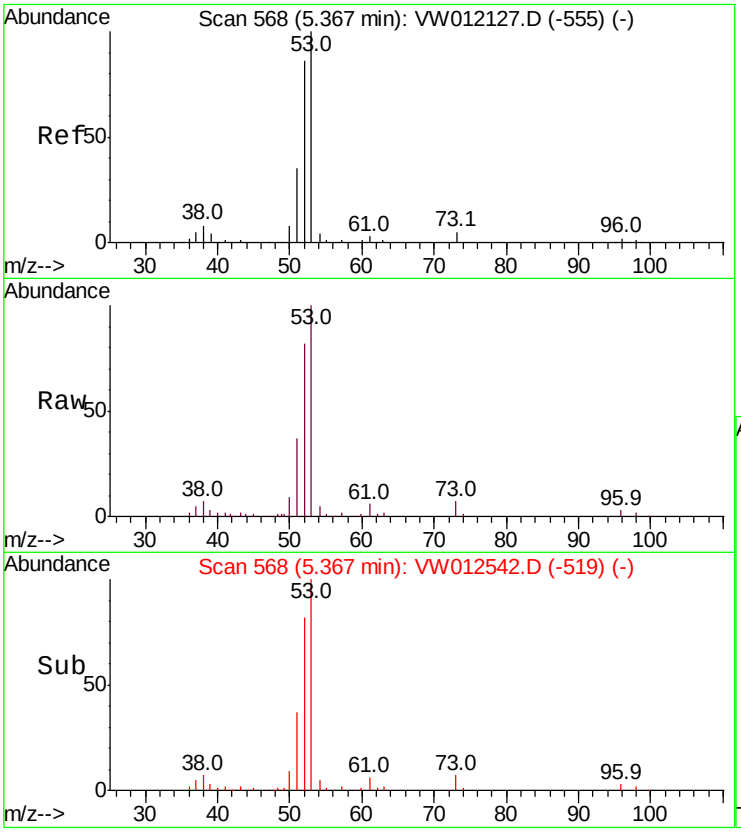


#14
Allyl chloride
Concen: 18.399 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 41 Resp: 91733

Ion	Ratio	Lower	Upper
41	100		
39	68.3	53.4	80.2
76	27.7	22.1	33.1



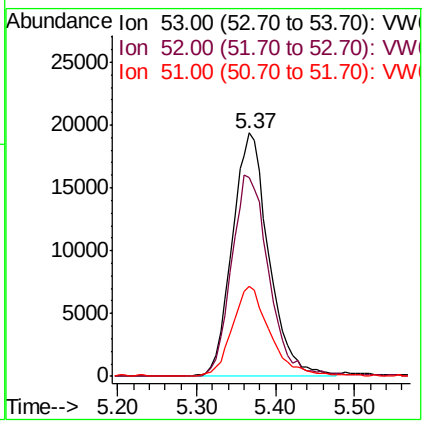


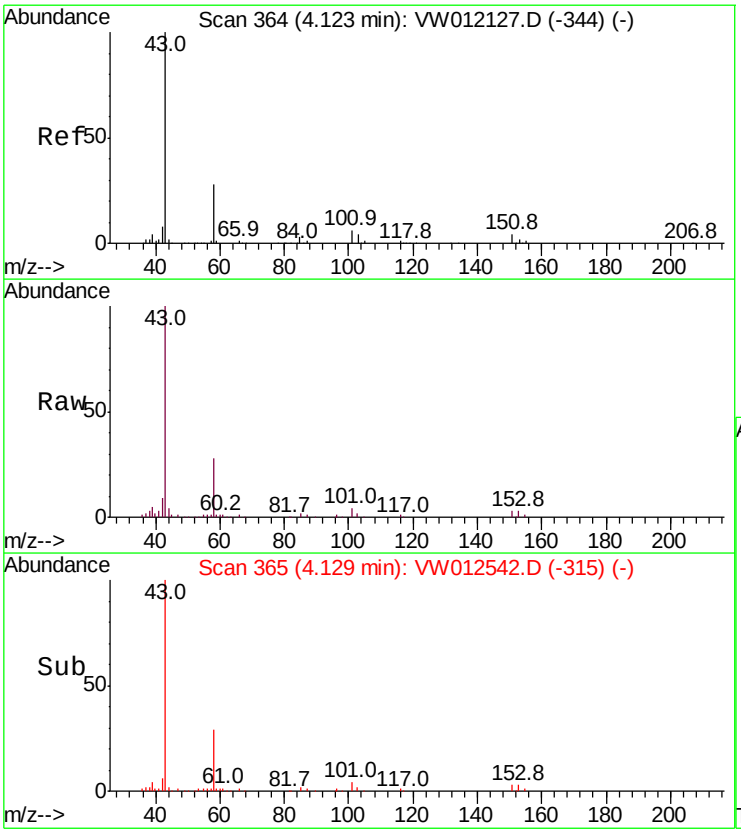
#15
Acrylonitrile
Concen: 97.532 ug/l
RT: 5.37 min Scan# 568
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 53 Resp: 62550

Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.7	100.1
51	37.9	30.1	45.1

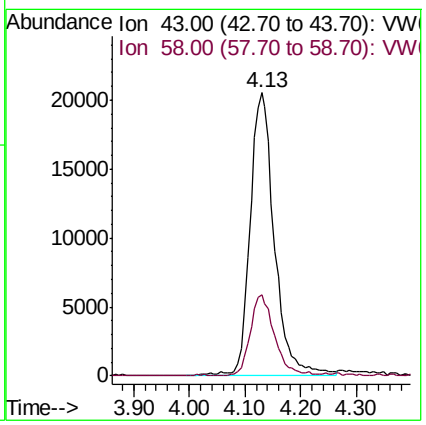


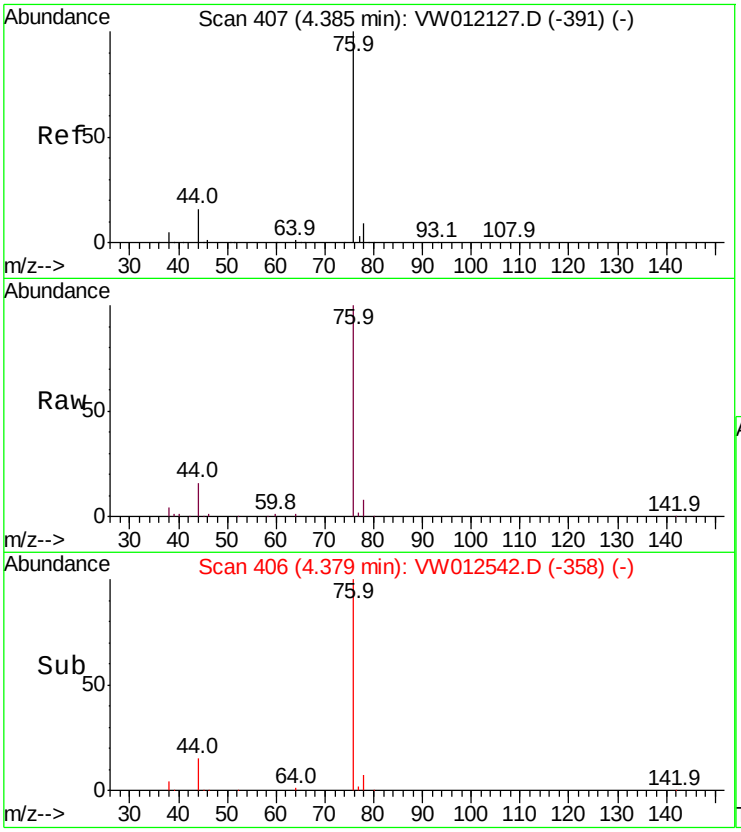


#16
Acetone
Concen: 89.077 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 43 Resp: 62934

Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.4	33.6



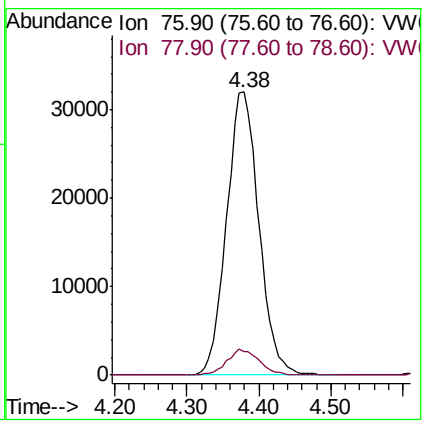


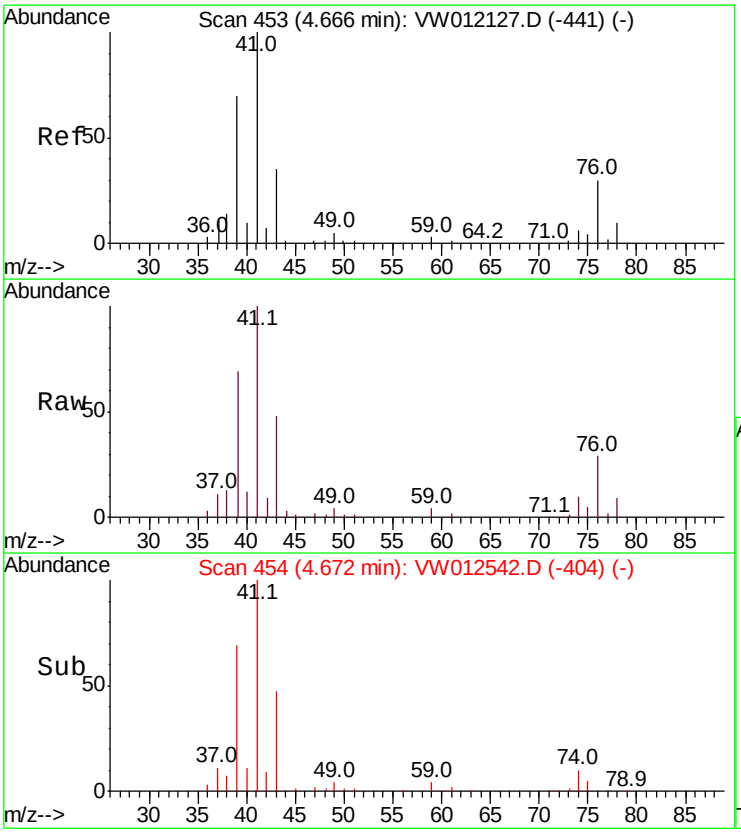
#17
Carbon Disulfide
Concen: 14.149 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 76 Resp: 99726

Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.3	10.9

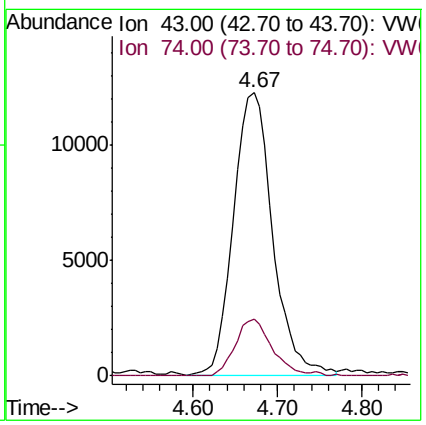


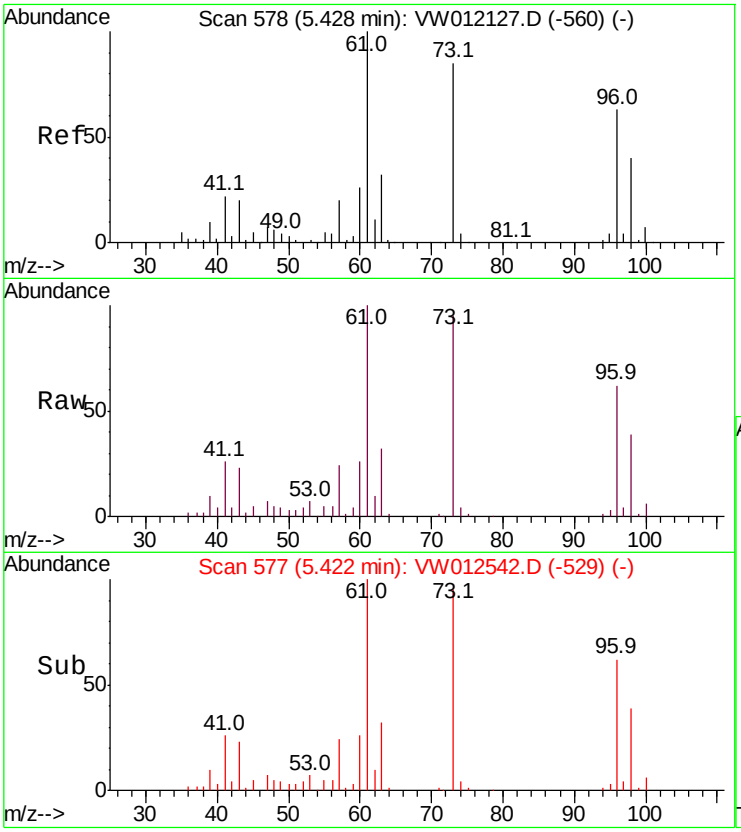


#18
Methyl Acetate
Concen: 22.300 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 43 Resp: 39022

Ion	Ratio	Lower	Upper
43	100		
74	18.8	15.7	23.5



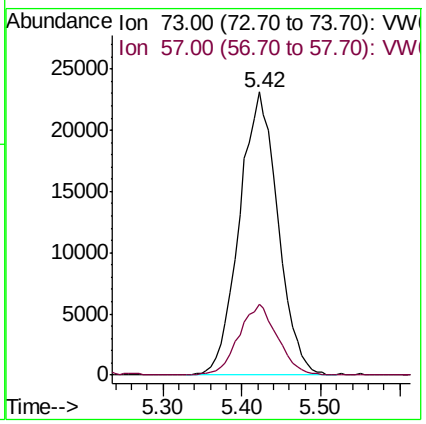


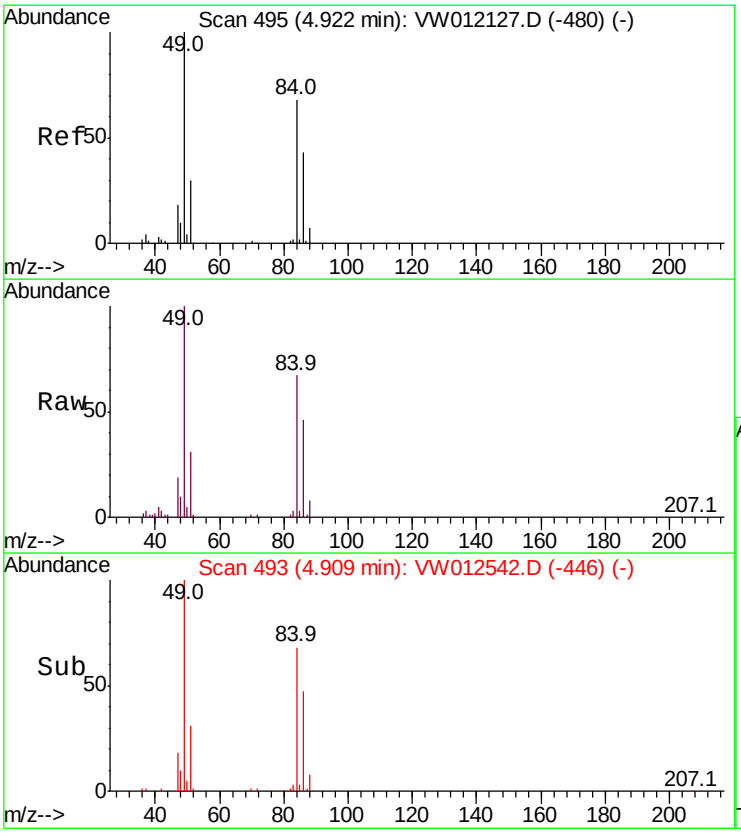
#19
Methyl tert-butyl Ether
Concen: 20.856 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 73 Resp: 78655

Ion	Ratio	Lower	Upper
73	100		
57	25.0	18.9	28.3

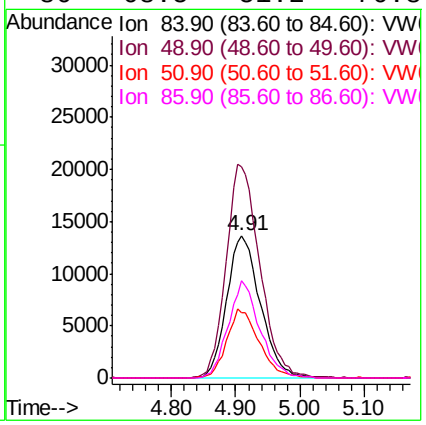


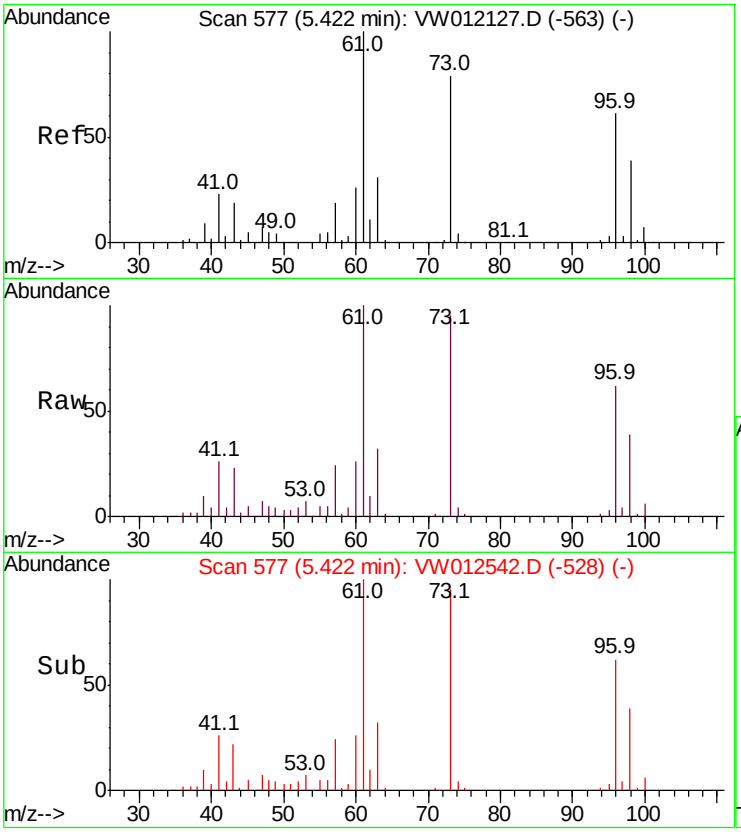


#20
Methylene Chloride
Concen: 18.672 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 84 Resp: 49872

Ion	Ratio	Lower	Upper
84	100		
49	148.7	117.8	176.8
51	46.2	35.6	53.4
86	68.5	51.2	76.8



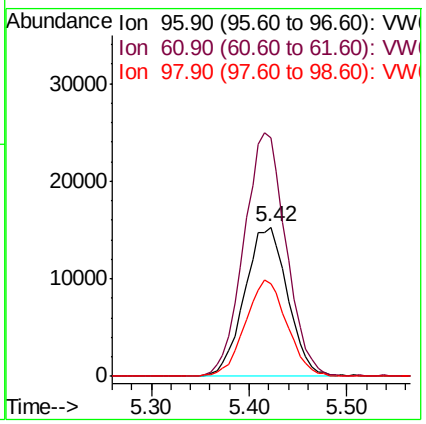


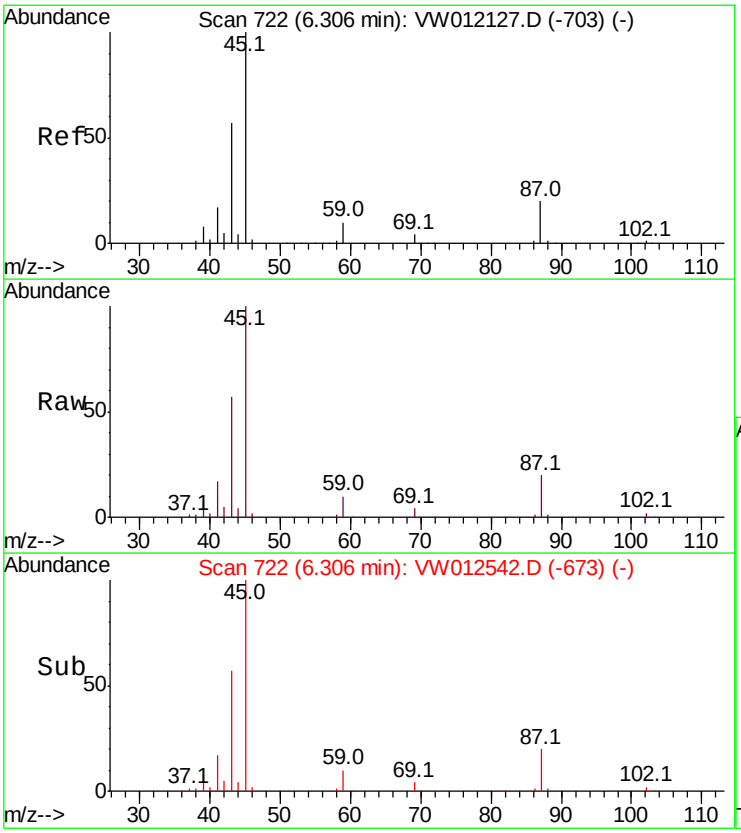
#21
trans-1,2-Dichloroethene
Concen: 18.574 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 96 Resp: 46452

Ion	Ratio	Lower	Upper
96	100		
61	160.1	131.4	197.0
98	61.8	51.4	77.0

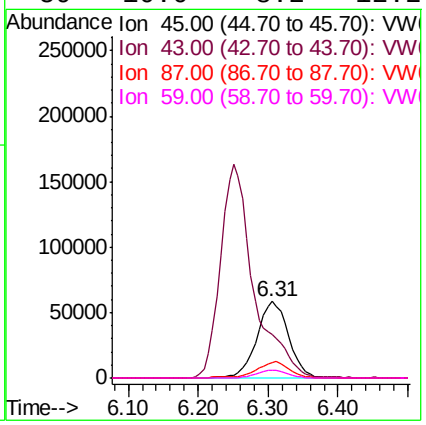


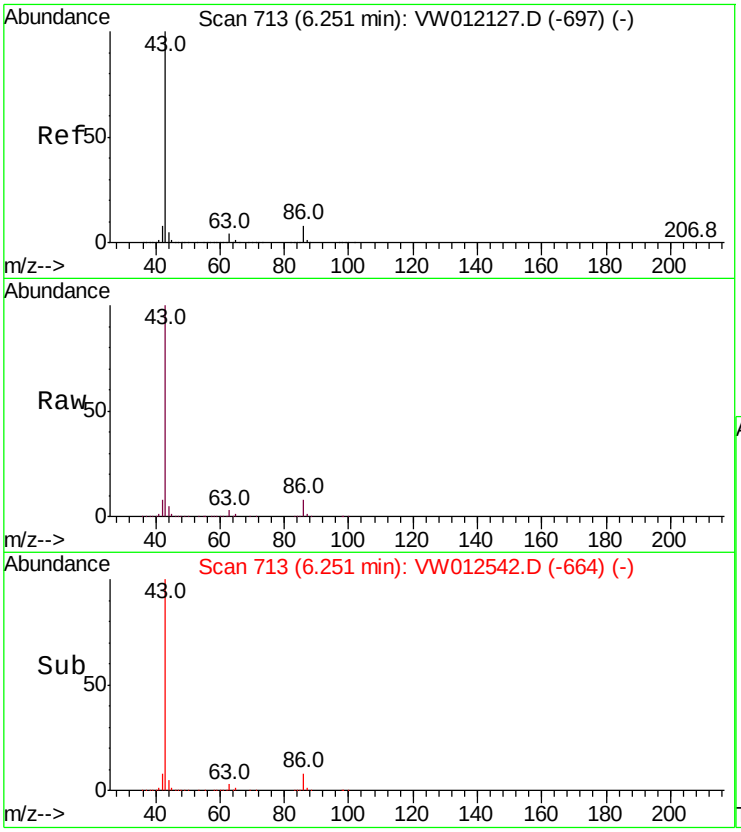


#22
Diisopropyl ether
Concen: 20.070 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 45 Resp: 185482

Ion	Ratio	Lower	Upper
45	100		
43	57.1	45.5	68.3
87	20.5	16.1	24.1
59	10.0	8.2	12.2



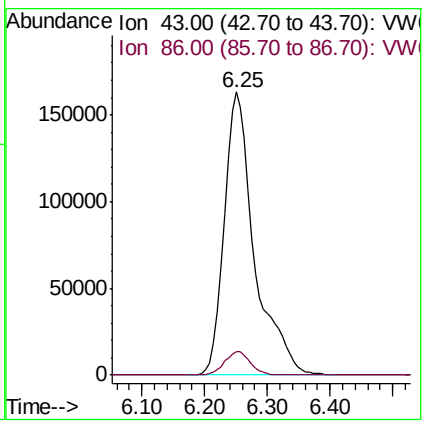


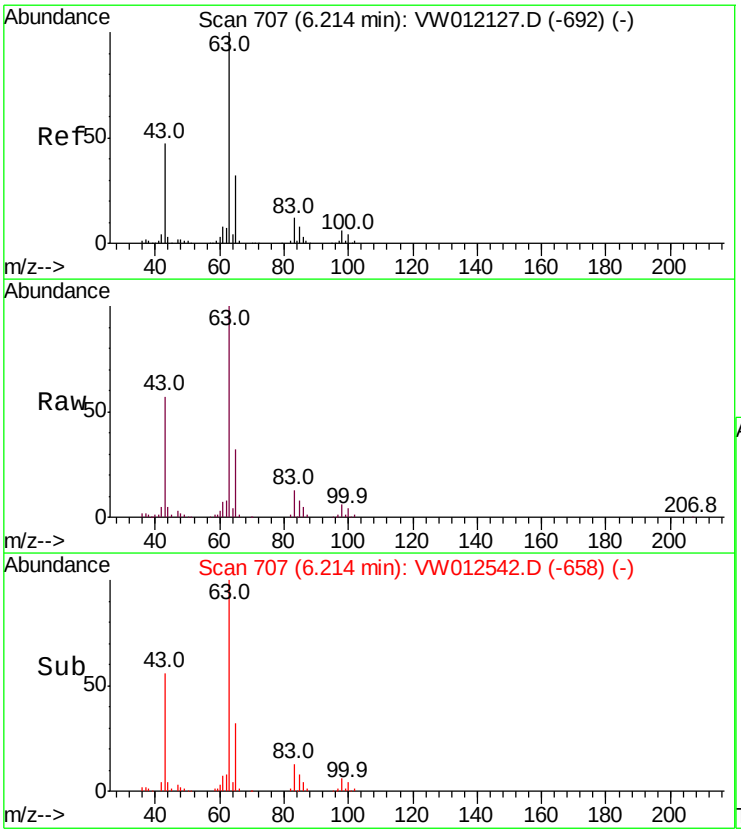
#23
Vinyl Acetate
Concen: 95.464 ug/l
RT: 6.25 min Scan# 713
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 542939

Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.5	9.7

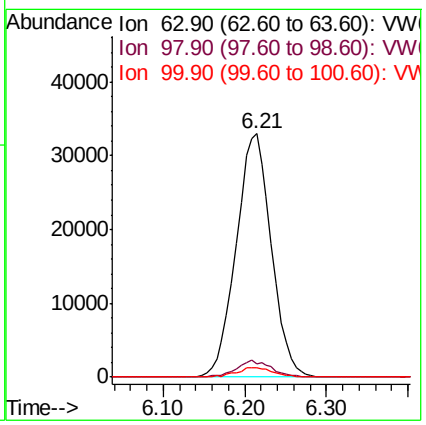


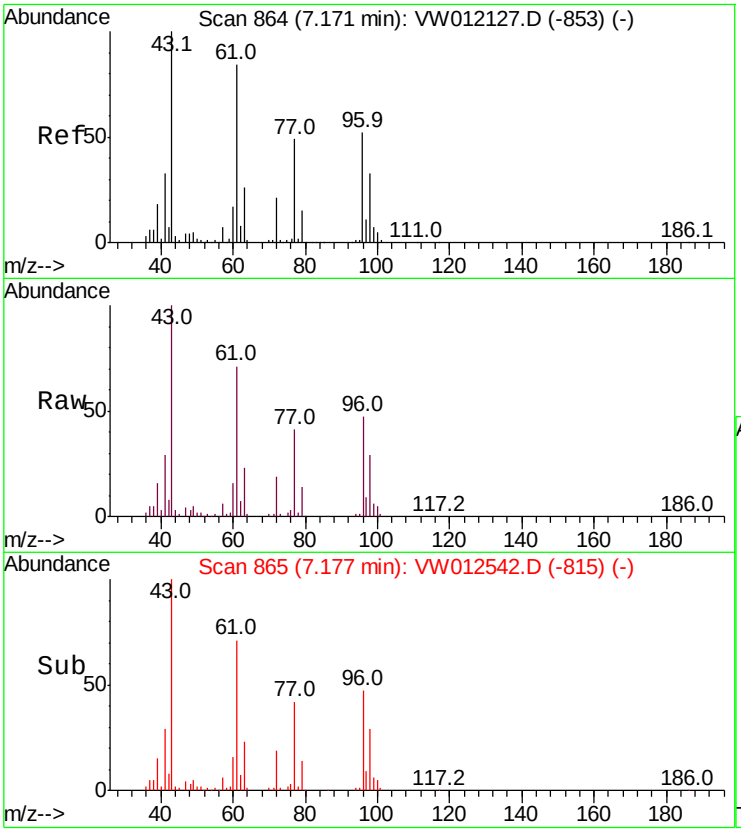


#24
1,1-Dichloroethane
Concen: 19.538 ug/l
RT: 6.21 min Scan# 707
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 63 Resp: 98313

Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.0	9.2
100	4.1	2.0	6.0



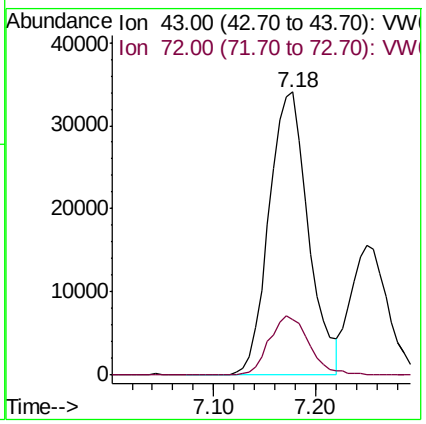


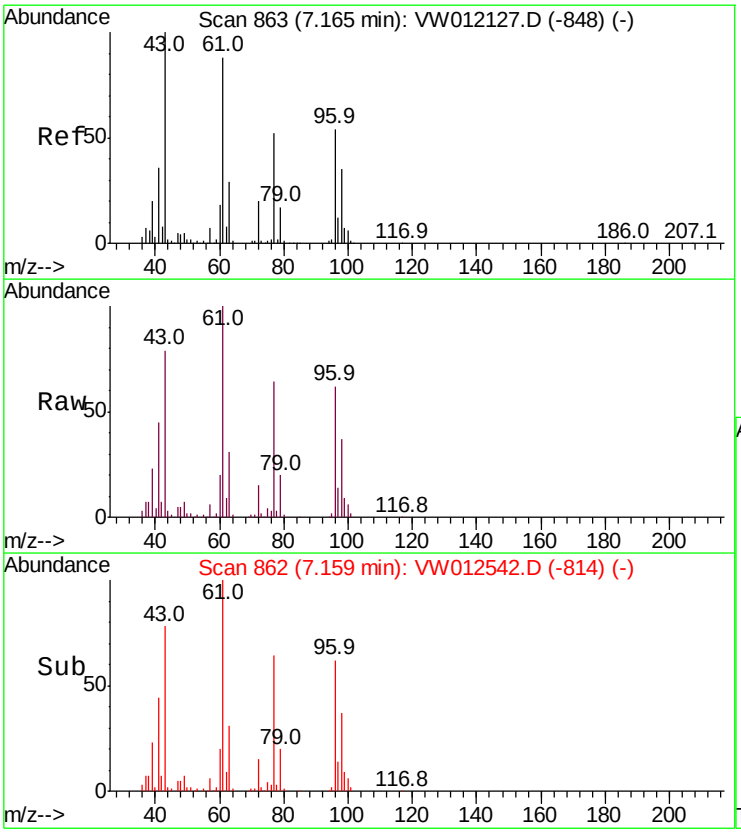
#25
2-Butanone
Concen: 95.044 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 91249

Ion	Ratio	Lower	Upper
43	100		
72	19.4	16.6	24.8

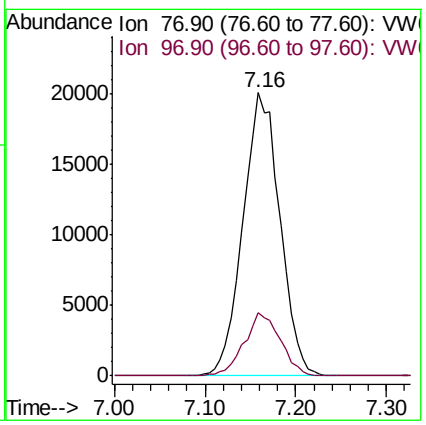


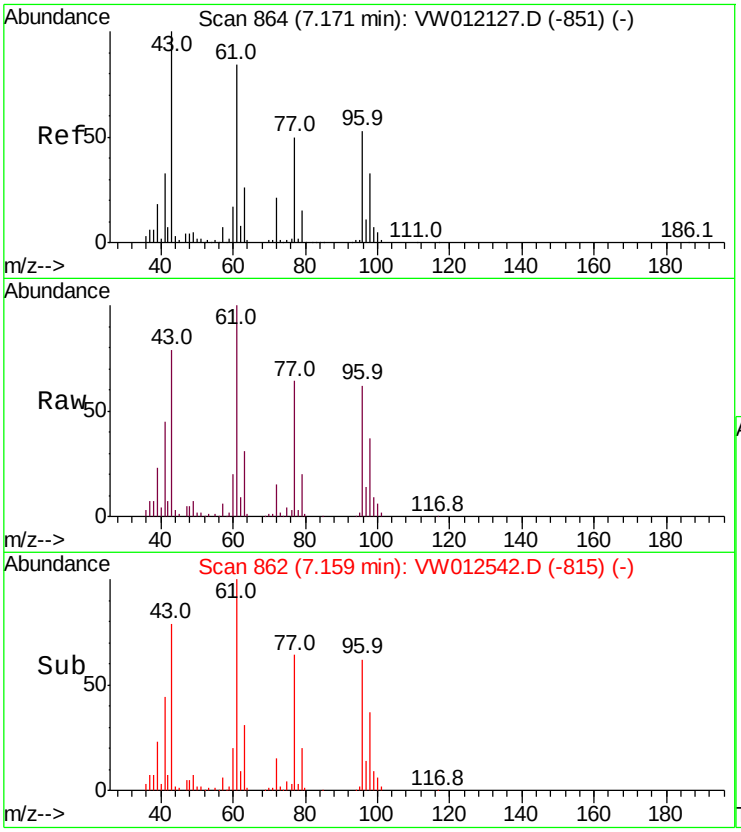


#26
2,2-Dichloropropane
Concen: 19.894 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 77 Resp: 56660

Ion	Ratio	Lower	Upper
77	100		
97	21.8	11.1	33.1



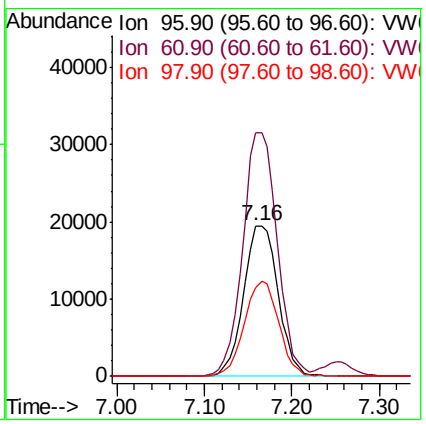


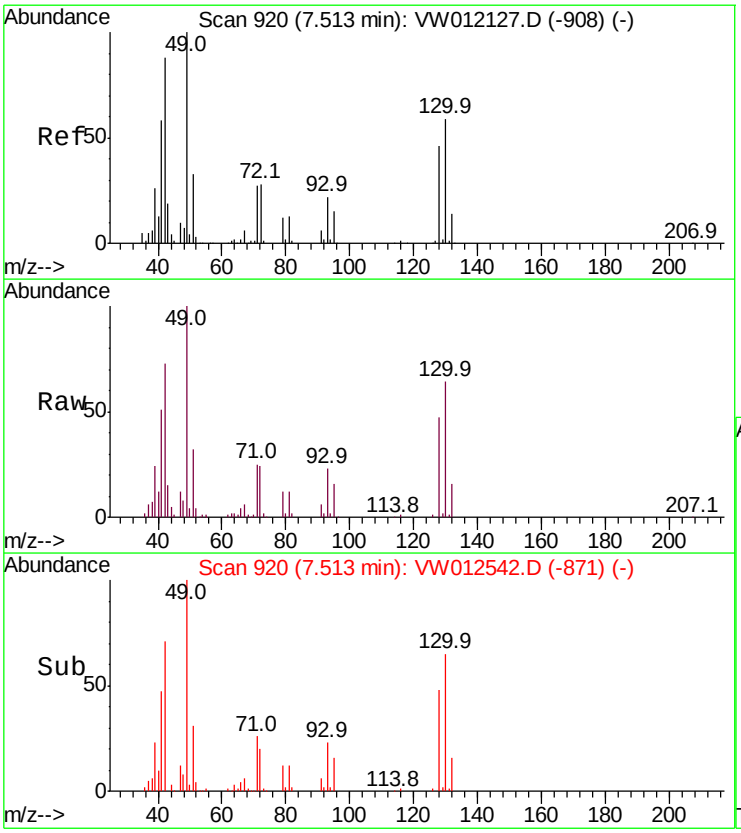
#27
cis-1,2-Dichloroethene
Concen: 20.029 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 96 Resp: 53516

Ion	Ratio	Lower	Upper
96	100		
61	161.3	0.0	326.6
98	62.8	0.0	127.4

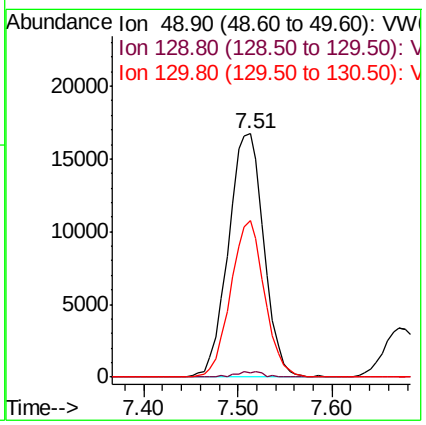


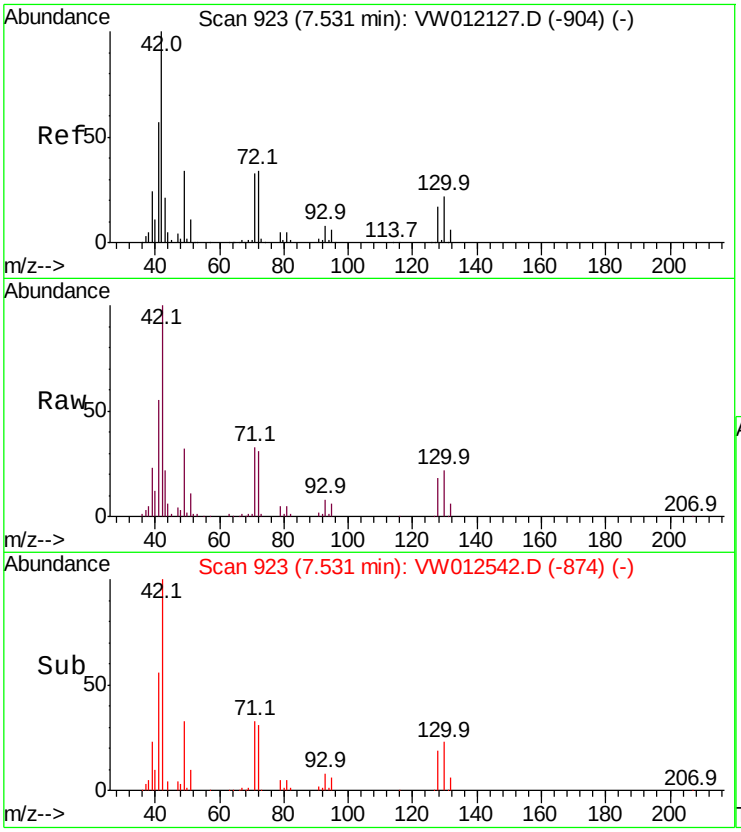


#28
Bromochloromethane
Concen: 19.988 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 49 Resp: 43836

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	1.4#
130	61.7	45.5	68.3



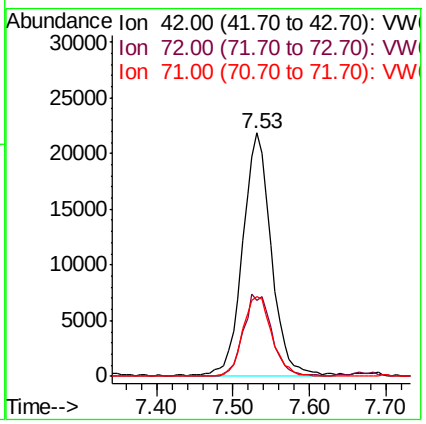


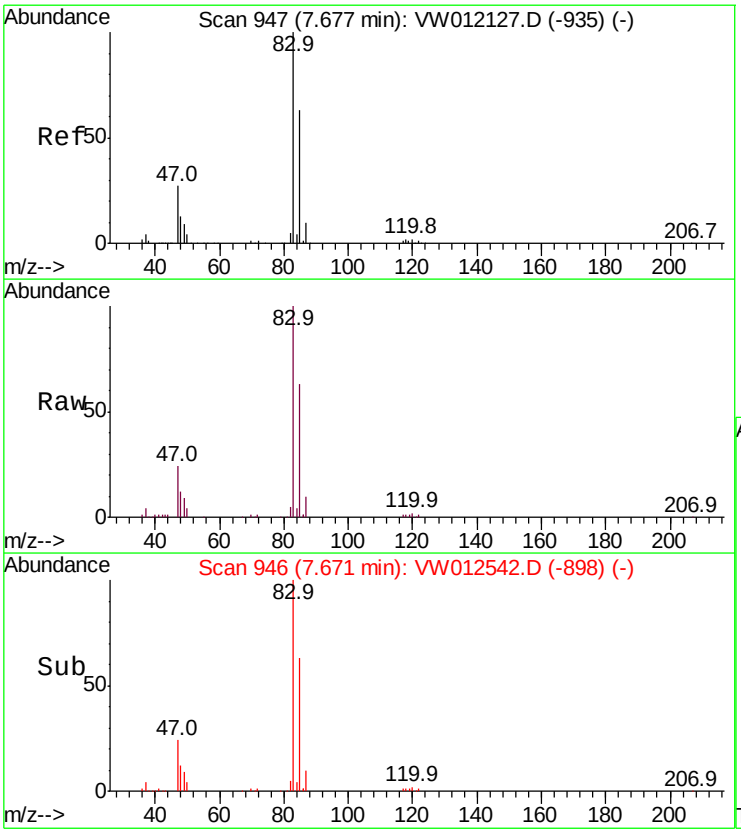
#29
Tetrahydrofuran
Concen: 97.484 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 42 Resp: 56151

Ion	Ratio	Lower	Upper
42	100		
72	34.4	27.3	40.9
71	33.8	25.5	38.3

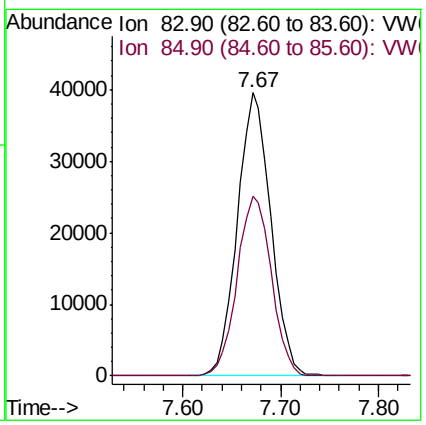


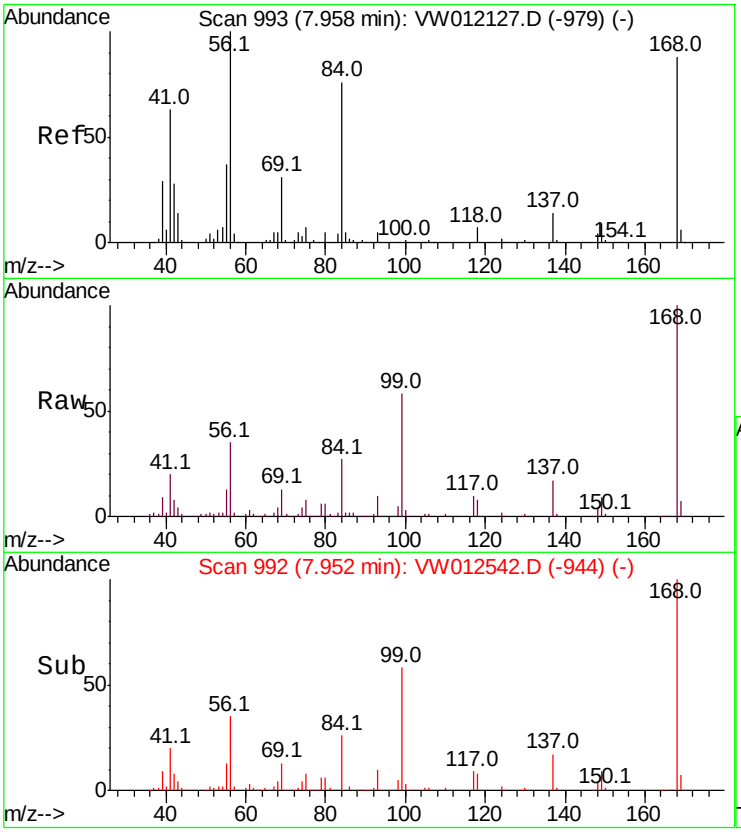


#30
Chloroform
Concen: 20.415 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 83 Resp: 93982

Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	76.0



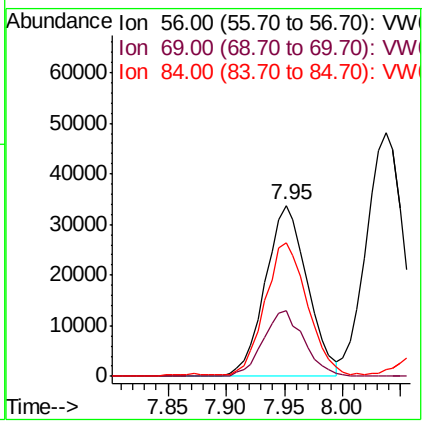


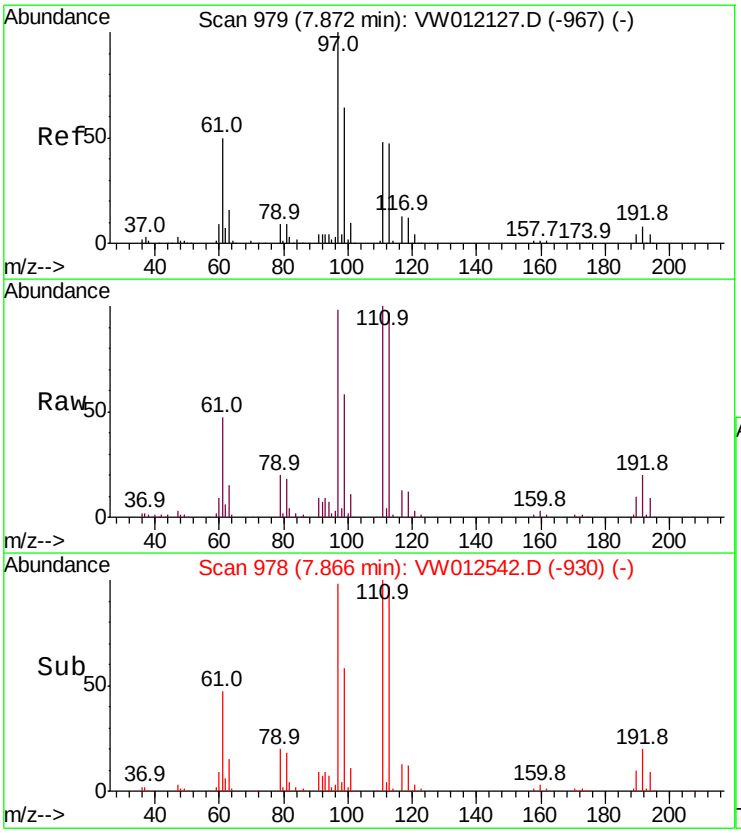
#31
Cyclohexane
Concen: 16.998 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 84620

Ion	Ratio	Lower	Upper
56	100		
69	38.0	24.9	37.3#
84	76.8	60.6	90.8

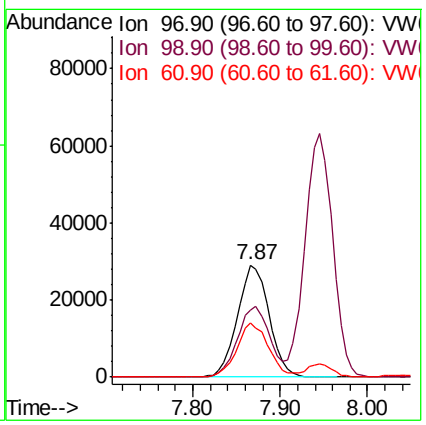


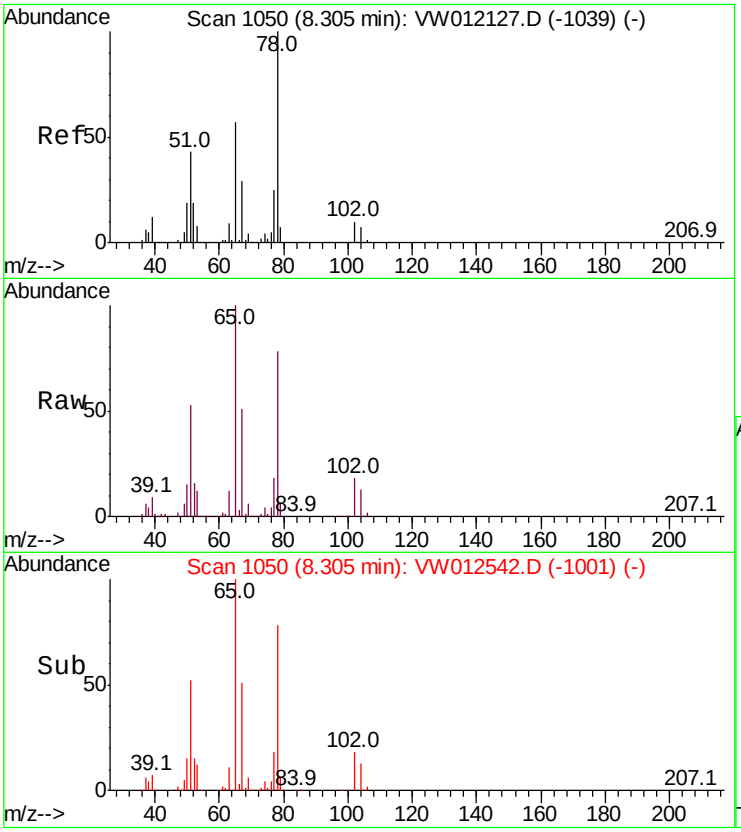


#32
1,1,1-Trichloroethane
Concen: 19.995 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 97 Resp: 72818

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.0
61	48.5	39.5	59.3



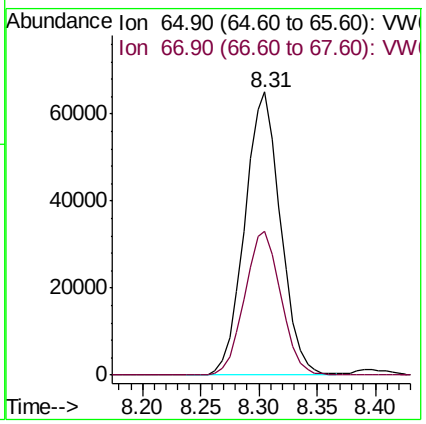


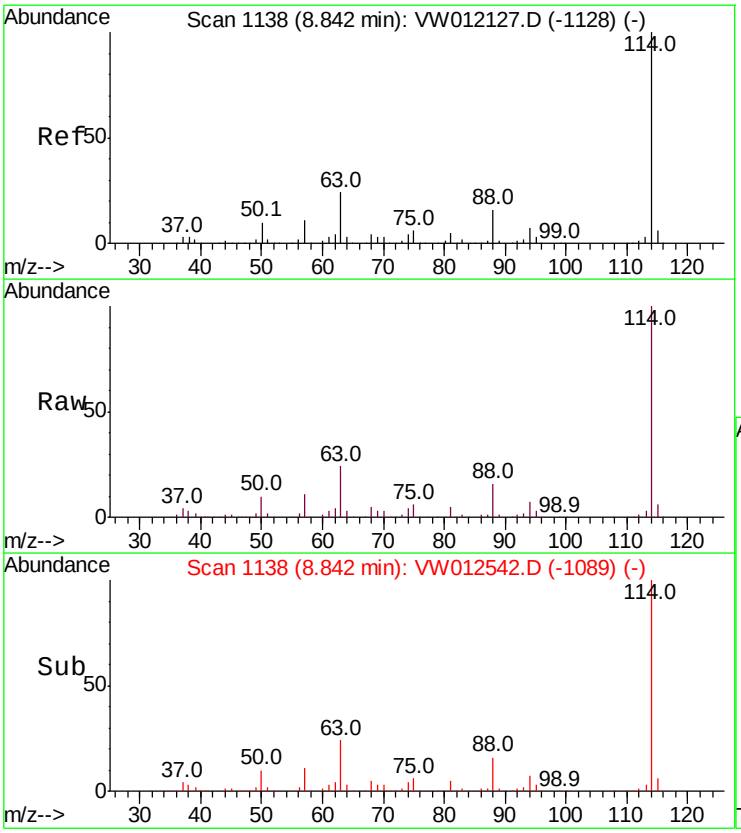
#33
1,2-Dichloroethane-d4
Concen: 50.525 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 65 Resp: 139645

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.6

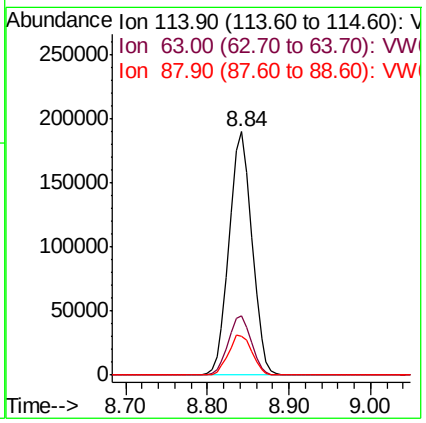


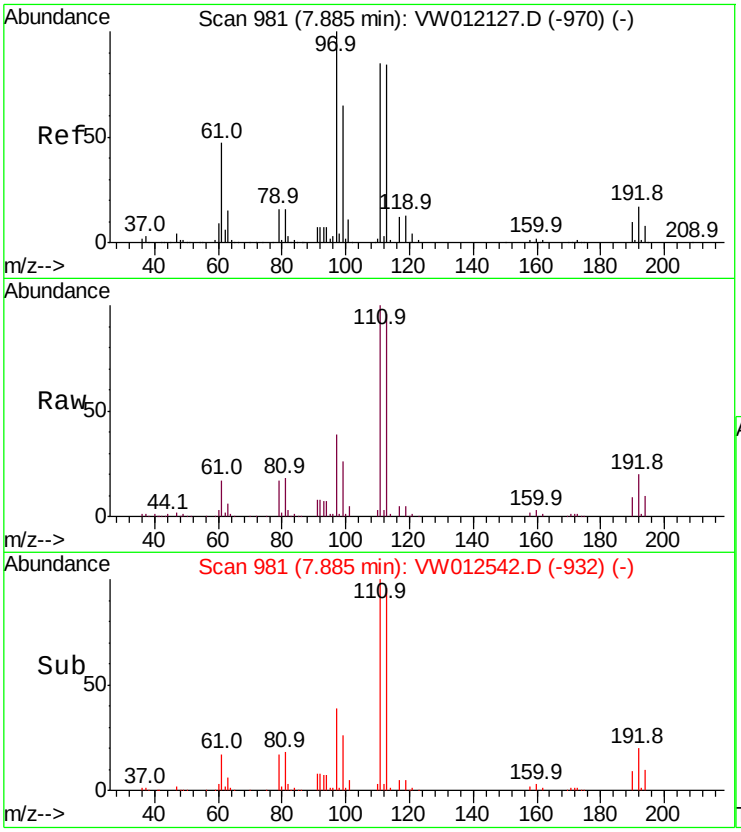


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion:114 Resp: 365452

Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	48.6
88	15.7	0.0	32.2



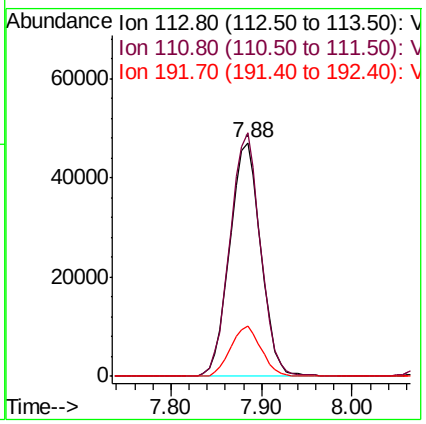


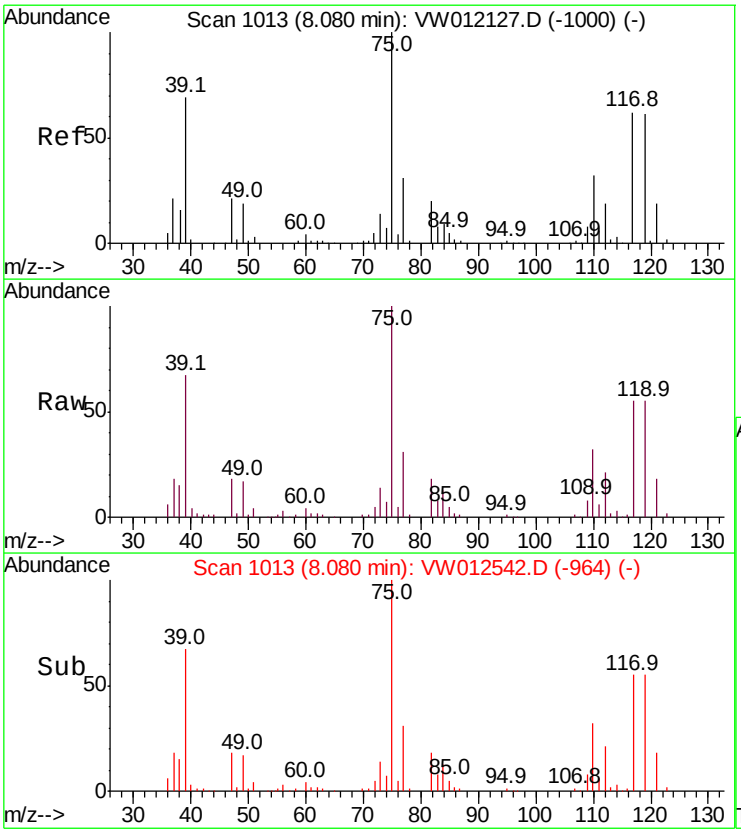
#35
Dibromofluoromethane
Concen: 51.388 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:113 Resp: 112097

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.7	124.1
192	21.0	16.2	24.2

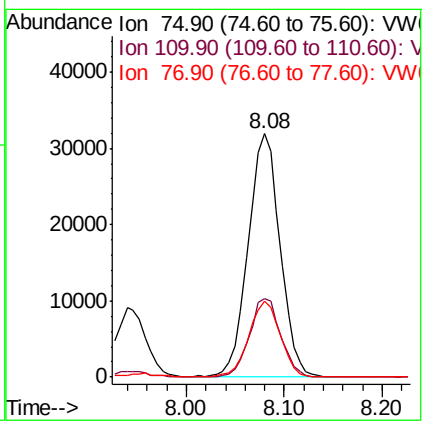


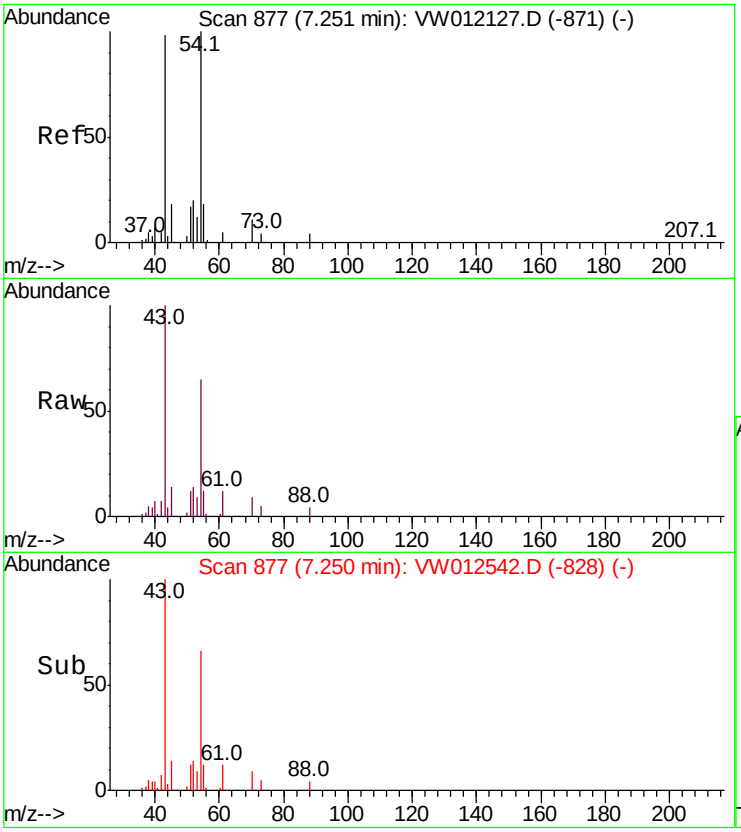


#36
1,1-Dichloropropene
Concen: 19.156 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 75 Resp: 72344

Ion	Ratio	Lower	Upper
75	100		
110	31.6	15.6	46.8
77	31.0	24.6	36.8



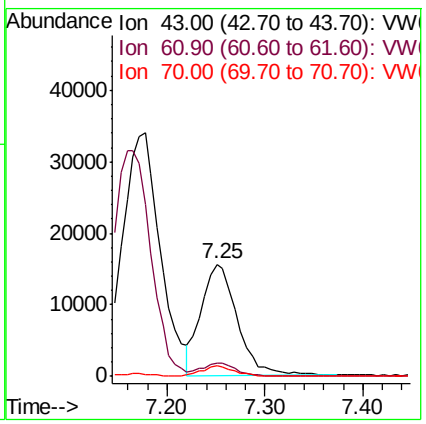


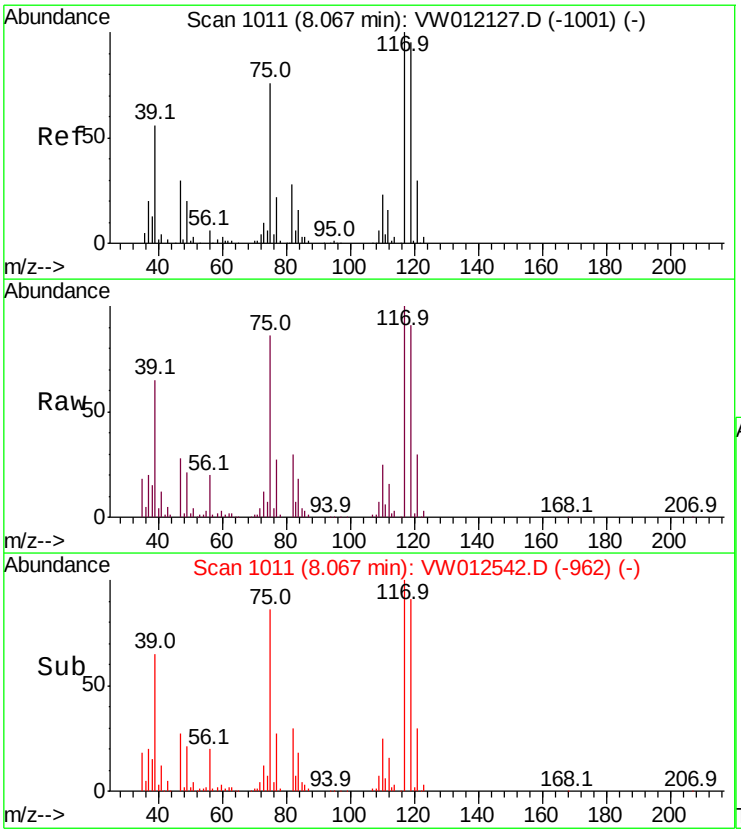
#37
Ethyl Acetate
Concen: 19.335 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 40013

Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.2	13.8
70	8.9	6.9	10.3

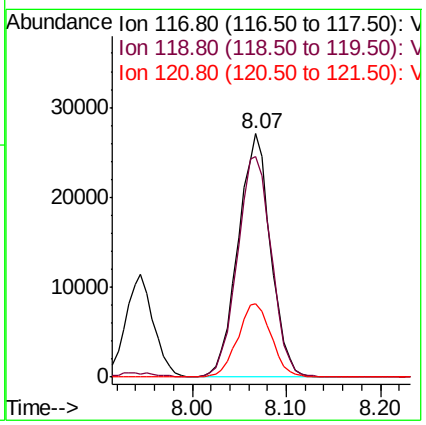


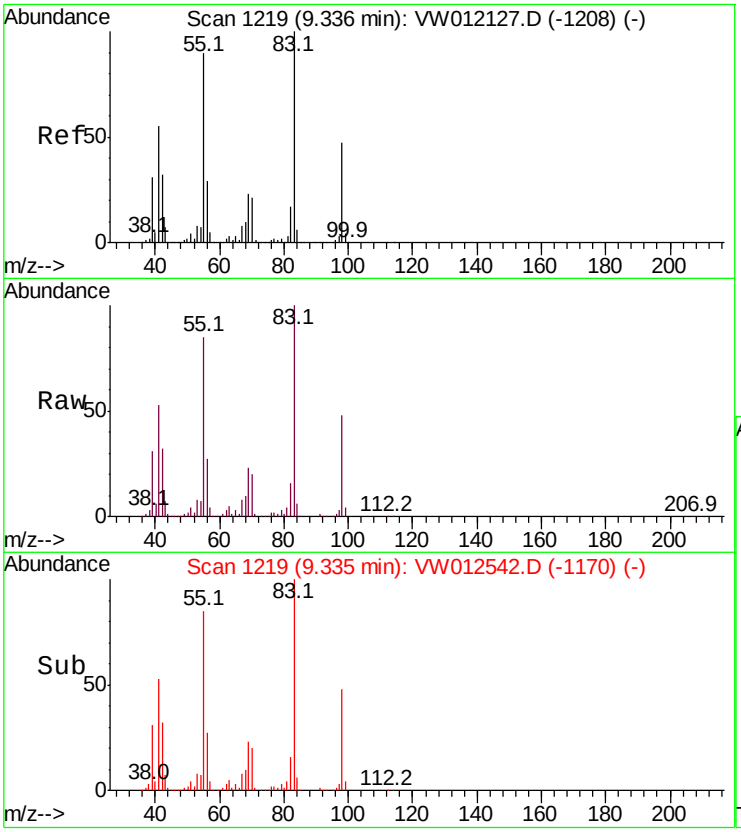


#38
Carbon Tetrachloride
Concen: 19.792 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion:117 Resp: 64692

Ion	Ratio	Lower	Upper
117	100		
119	90.5	76.2	114.2
121	29.9	23.8	35.8



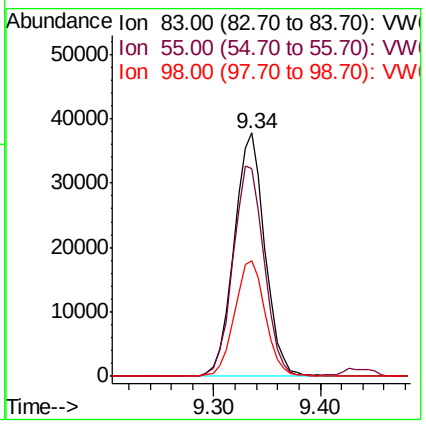


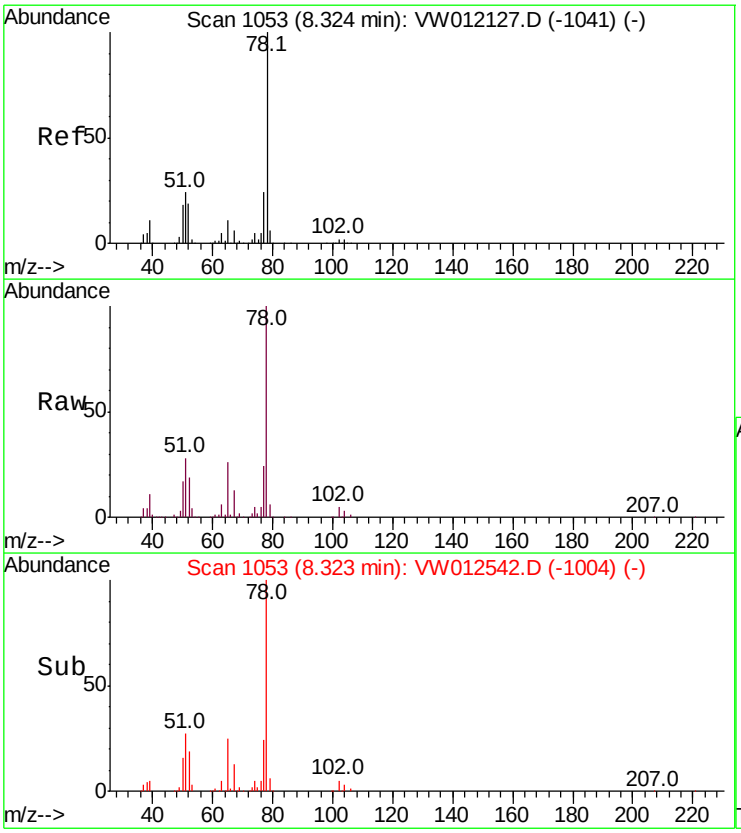
#39
Methylcyclohexane
Concen: 18.014 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 76427

Ion	Ratio	Lower	Upper
83	100		
55	85.1	71.8	107.8
98	47.7	37.8	56.8

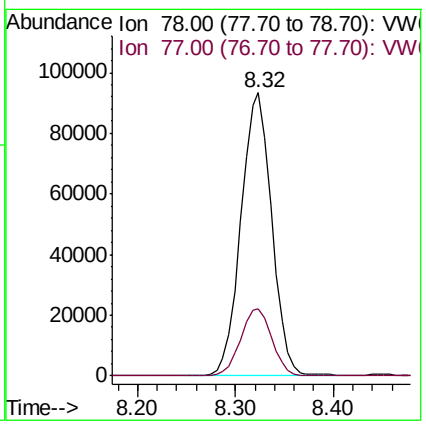


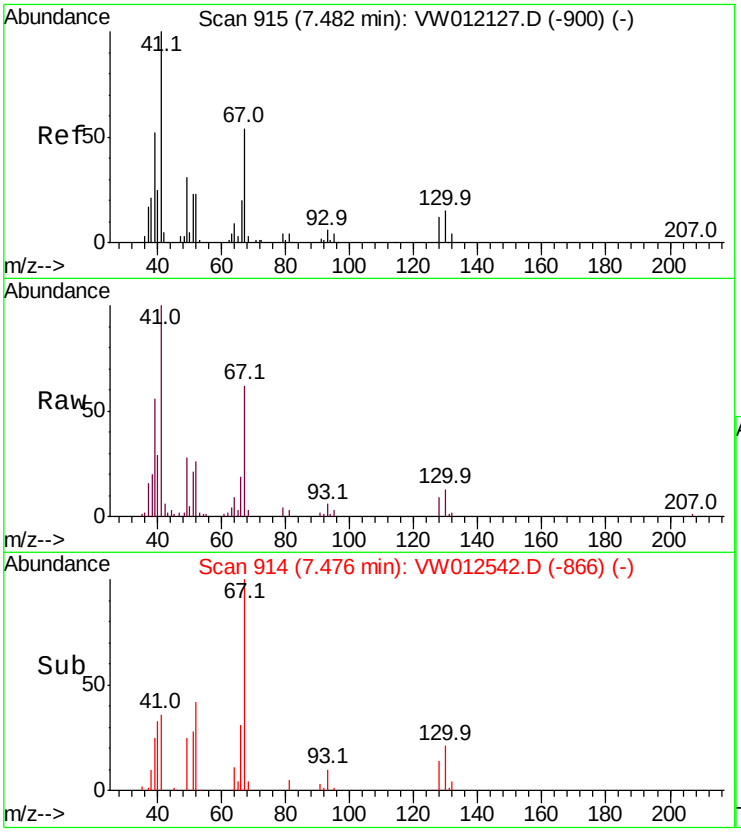


#40
Benzene
Concen: 19.740 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 78 Resp: 203556

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3



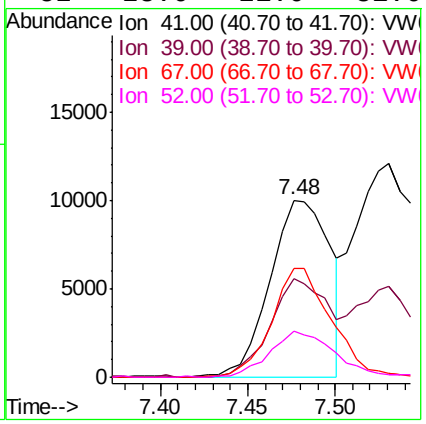


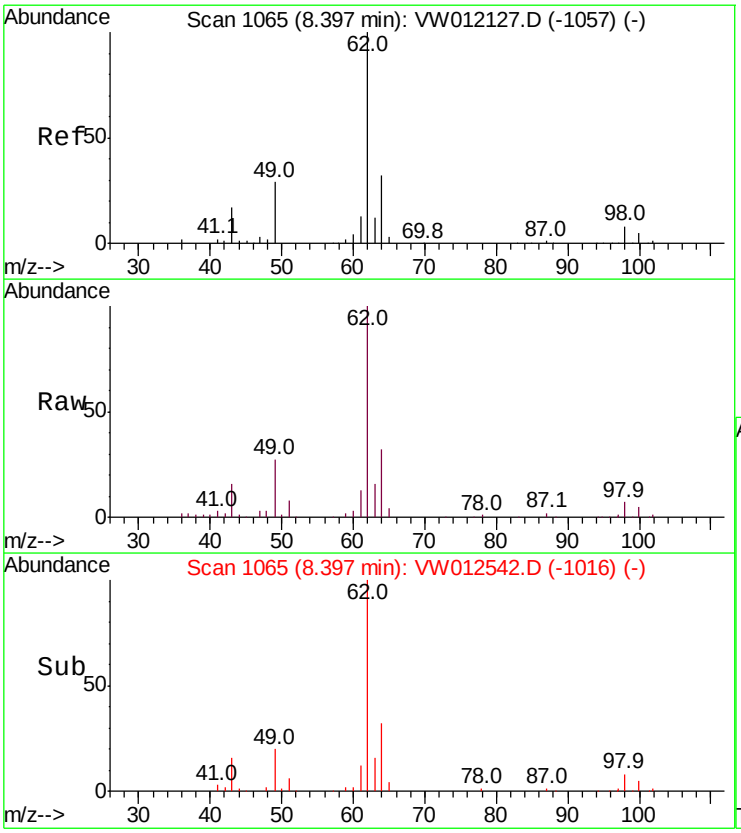
#41
Methacrylonitrile
Concen: 19.720 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 41 Resp: 23985

Ion	Ratio	Lower	Upper
41	100		
39	53.6	45.8	68.8
67	61.4	46.2	69.4
52	28.6	21.0	31.6

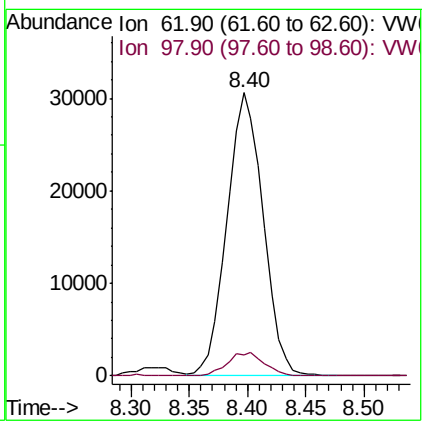


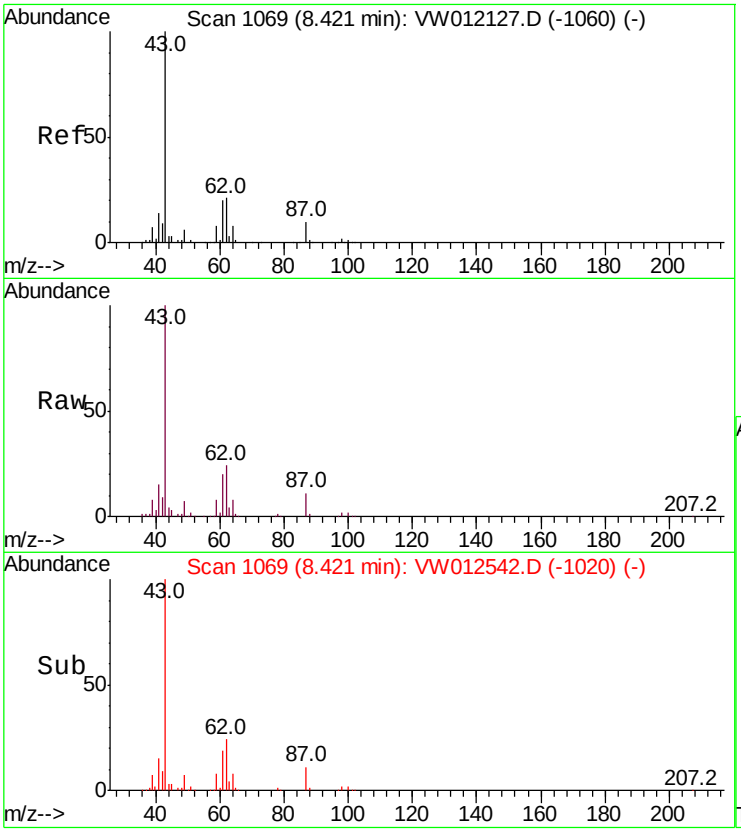


#42
1,2-Dichloroethane
Concen: 20.405 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 62 Resp: 65948

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6



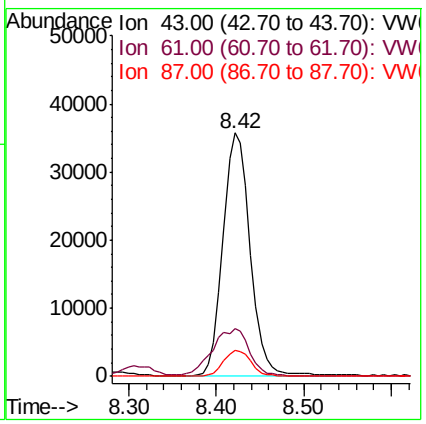


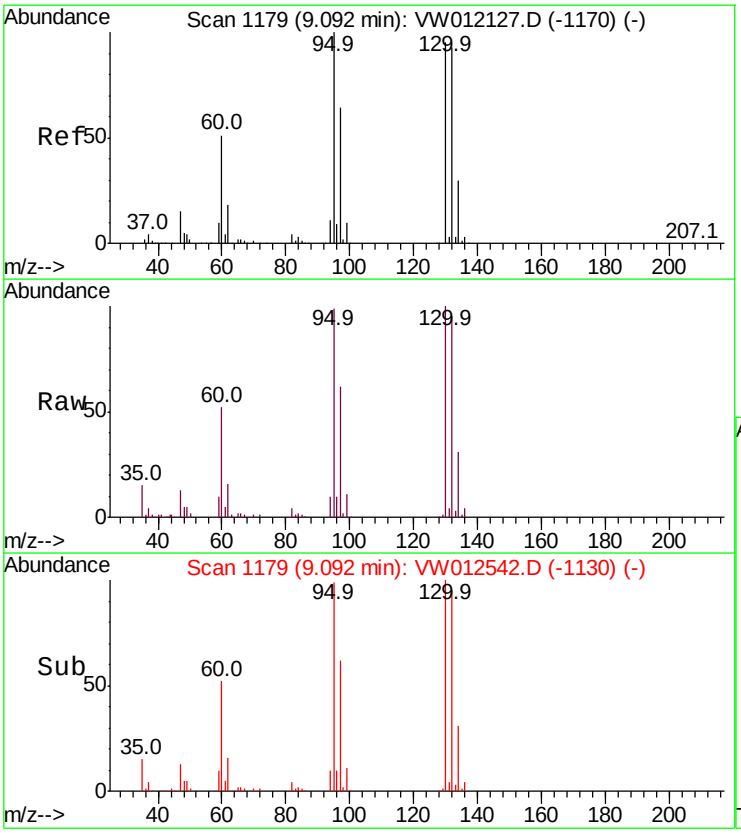
#43
Isopropyl Acetate
Concen: 20.013 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 76716

Ion	Ratio	Lower	Upper
43	100		
61	26.6	21.1	31.7
87	10.9	8.2	12.2

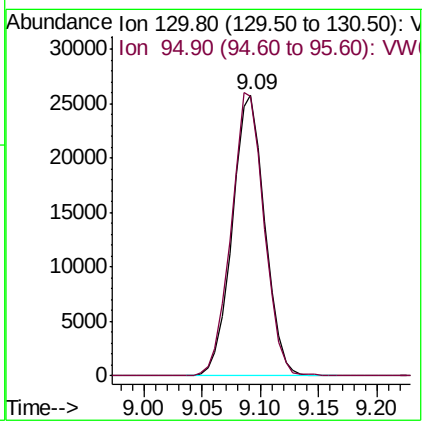


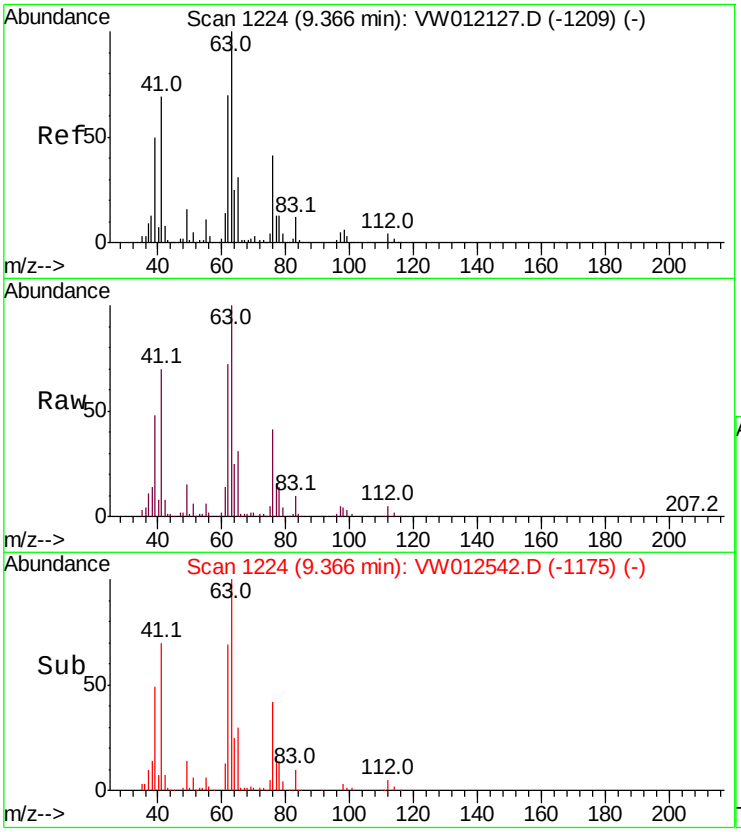


#44
Trichloroethene
Concen: 20.067 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion:130 Resp: 50304

Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	210.6



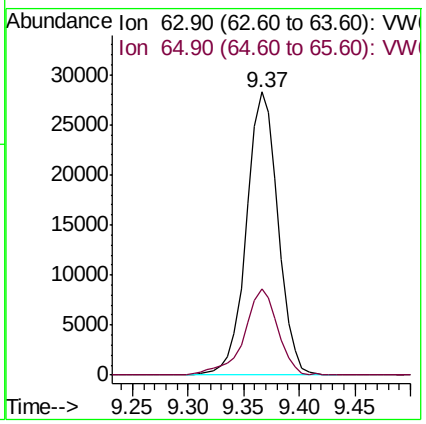


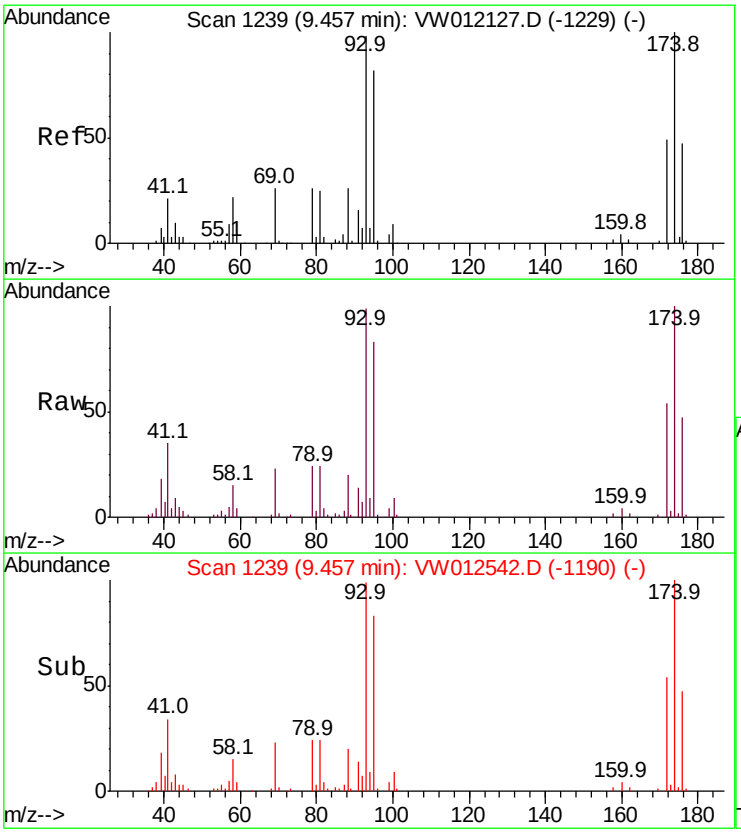
#45
1,2-Dichloropropane
Concen: 20.145 ug/l
RT: 9.37 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 63 Resp: 55907

Ion	Ratio	Lower	Upper
63	100		
65	30.6	25.0	37.4

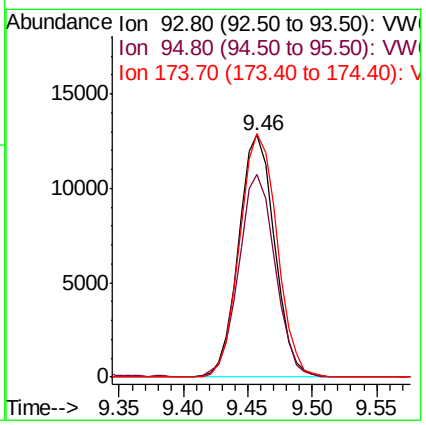


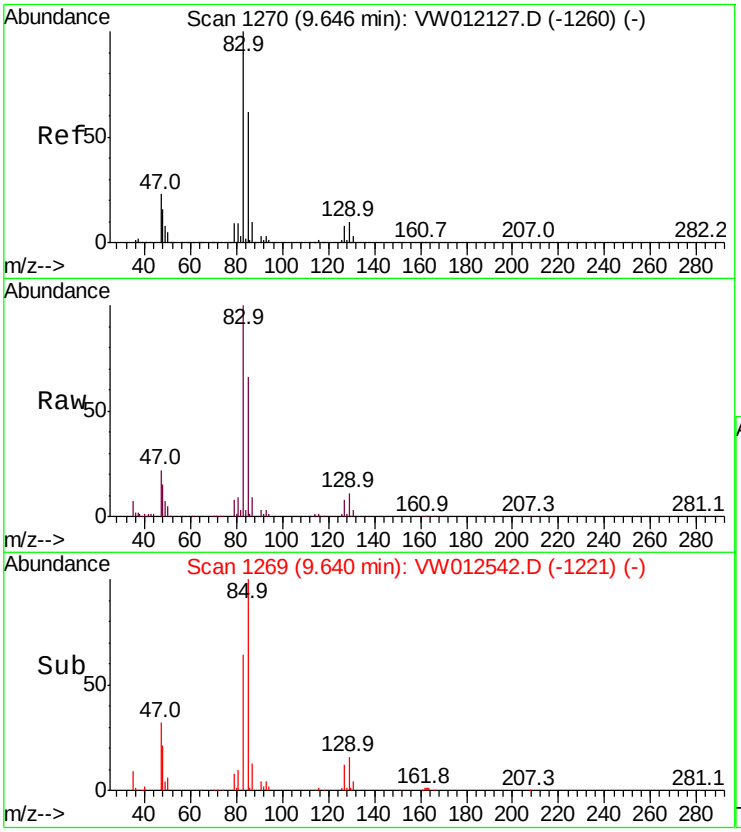


#46
Dibromomethane
Concen: 20.013 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 93 Resp: 24712

Ion	Ratio	Lower	Upper
93	100		
95	84.6	67.2	100.8
174	104.8	79.0	118.6



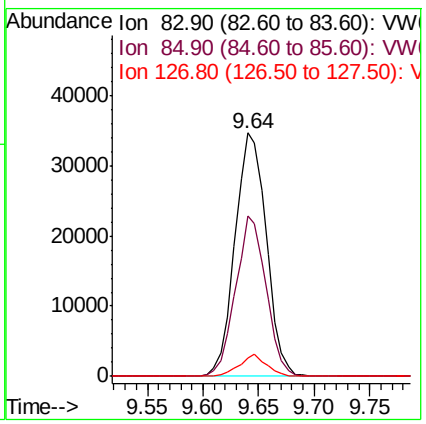


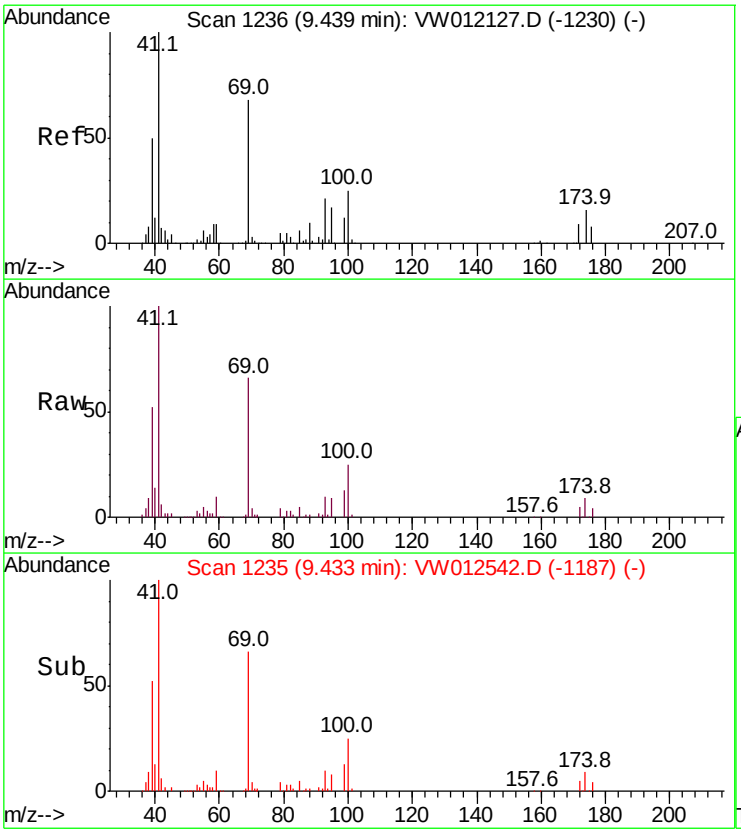
#47
Bromodichloromethane
Concen: 20.562 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 67573

Ion	Ratio	Lower	Upper
83	100		
85	66.0	49.4	74.2
127	7.8	6.1	9.1

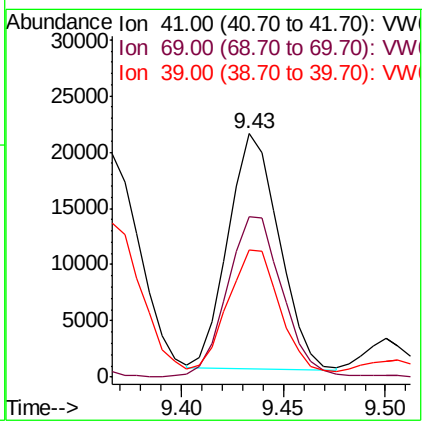


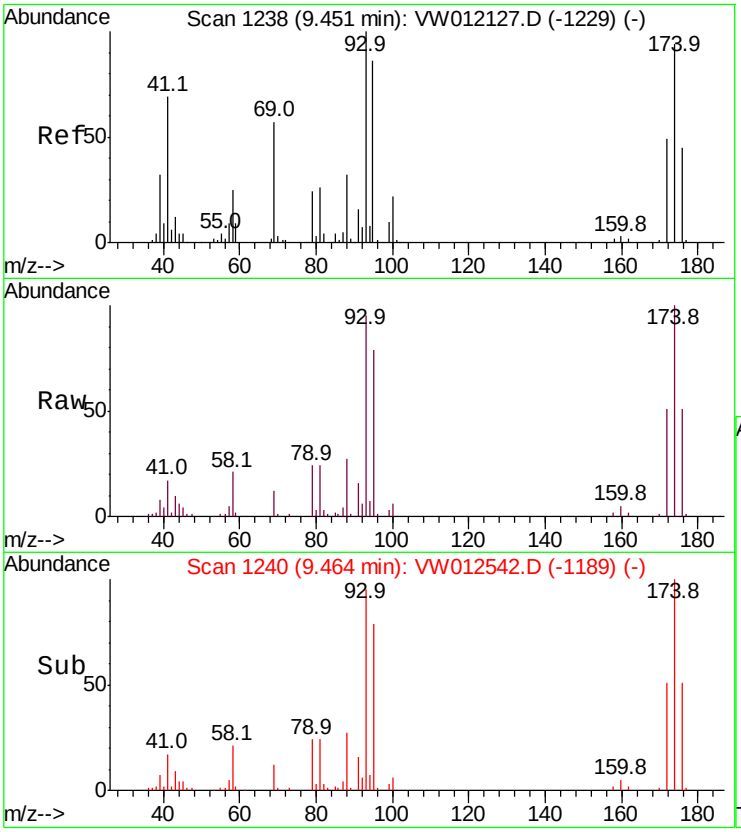


#48
Methyl methacrylate
Concen: 19.972 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 41 Resp: 36438

Ion	Ratio	Lower	Upper
41	100		
69	74.3	56.7	85.1
39	57.1	42.0	63.0



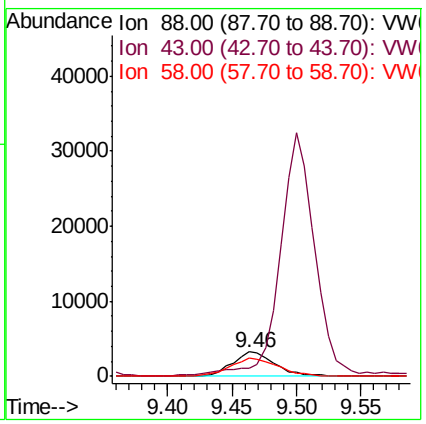


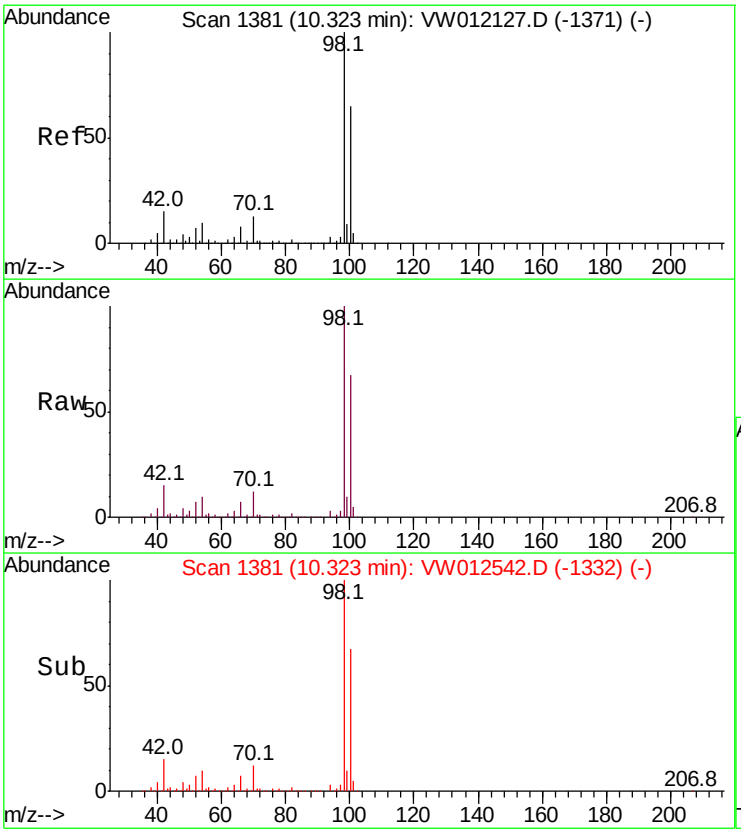
#49
1,4-Dioxane
Concen: 397.334 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 88 Resp: 7511

Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.9	49.3#
58	85.5	71.0	106.4

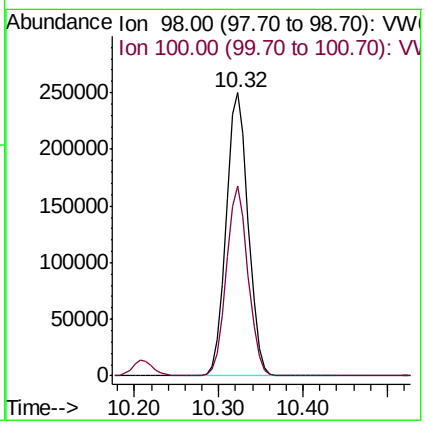


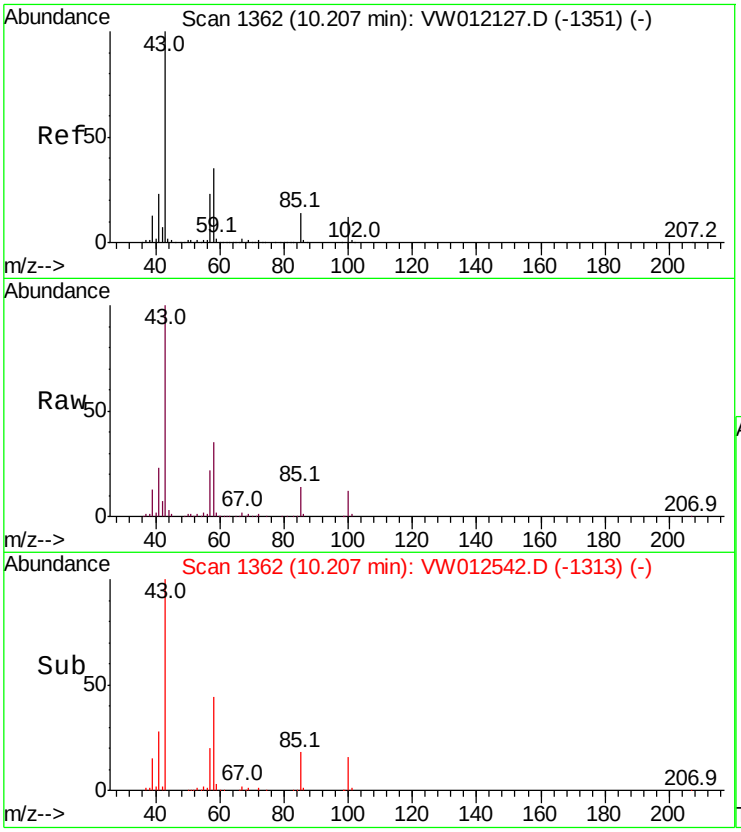


#50
Toluene-d8
Concen: 50.215 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 98 Resp: 444146

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6



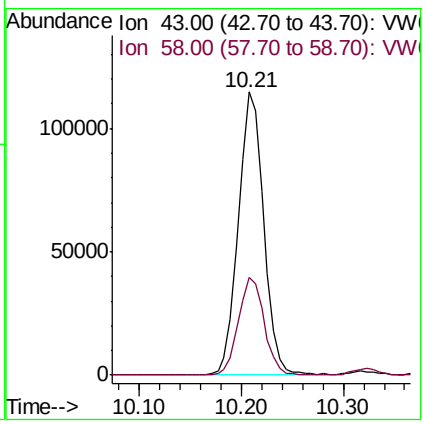


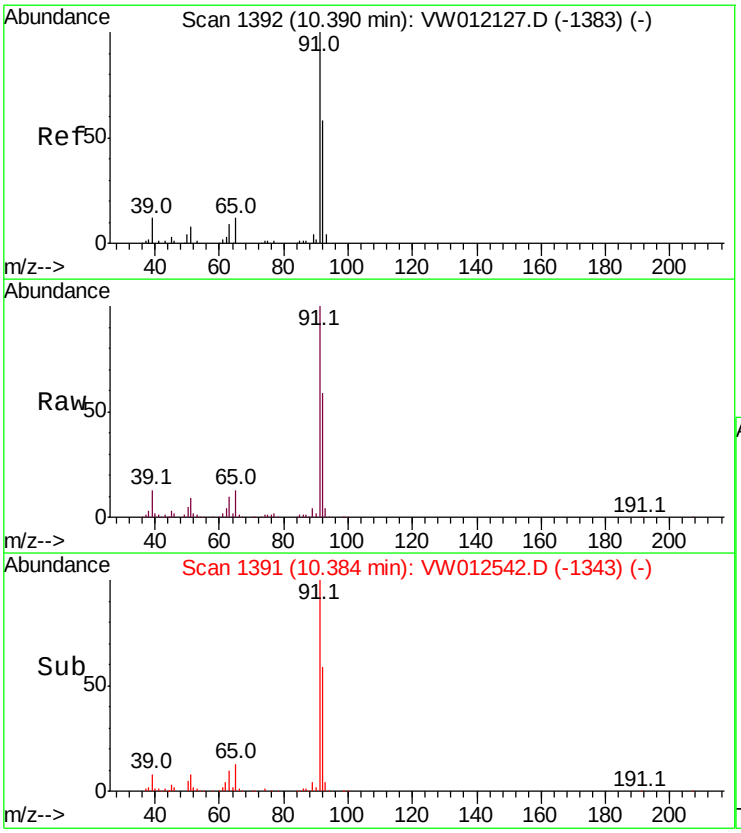
#51
4-Methyl-2-Pentanone
Concen: 101.347 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 197601

Ion	Ratio	Lower	Upper
43	100		
58	35.1	28.2	42.2

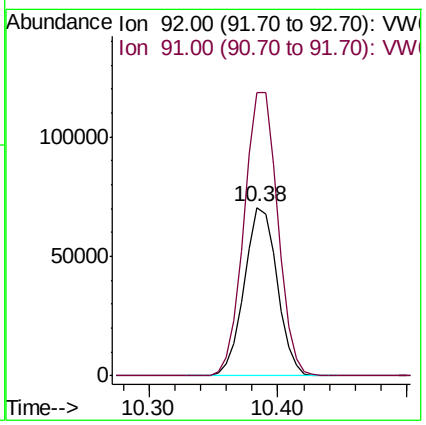


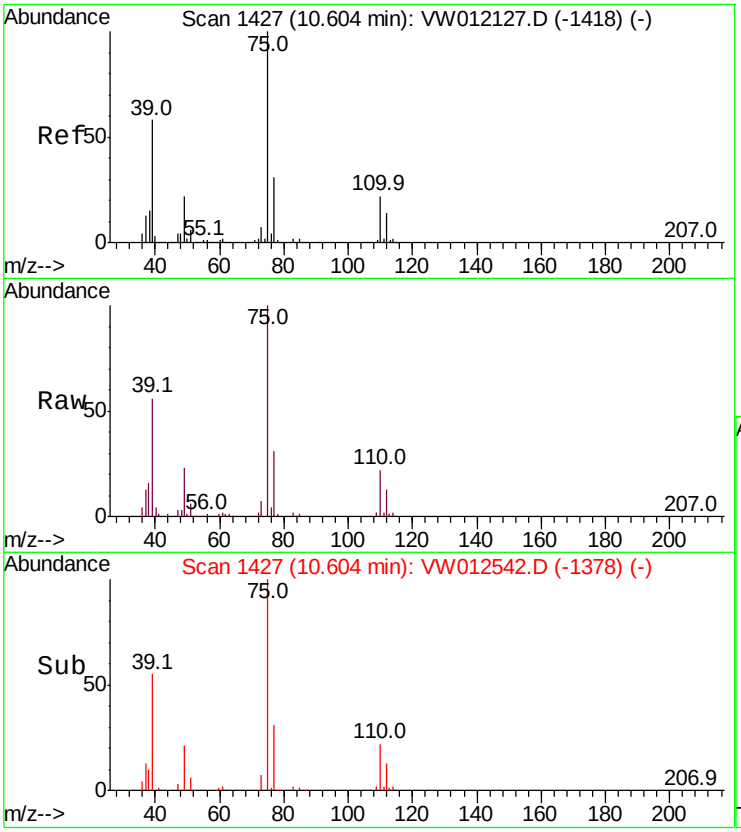


#52
Toluene
Concen: 20.044 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 92 Resp: 124172

Ion	Ratio	Lower	Upper
92	100		
91	171.7	136.6	204.8



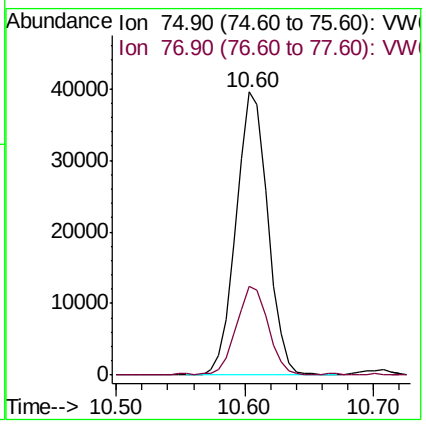


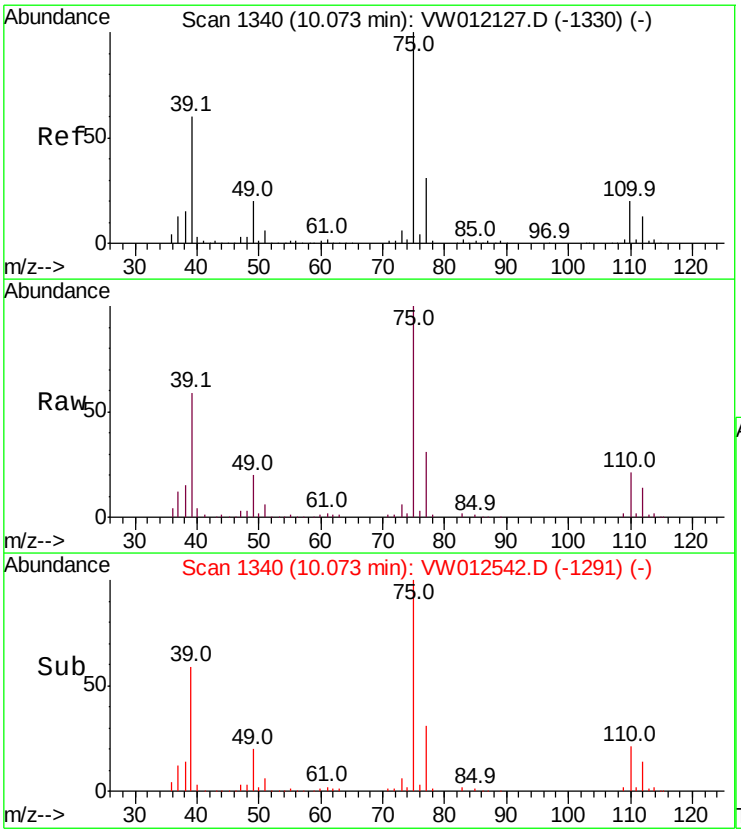
#53
t-1,3-Dichloropropene
Concen: 20.155 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 67470

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.0	37.4

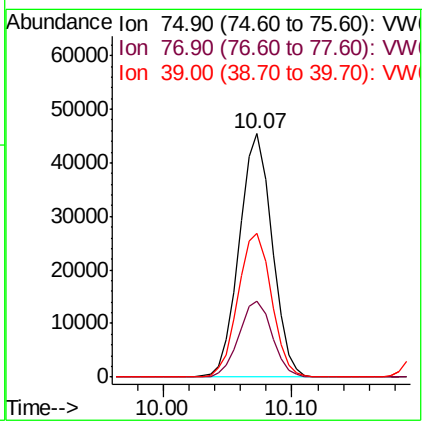


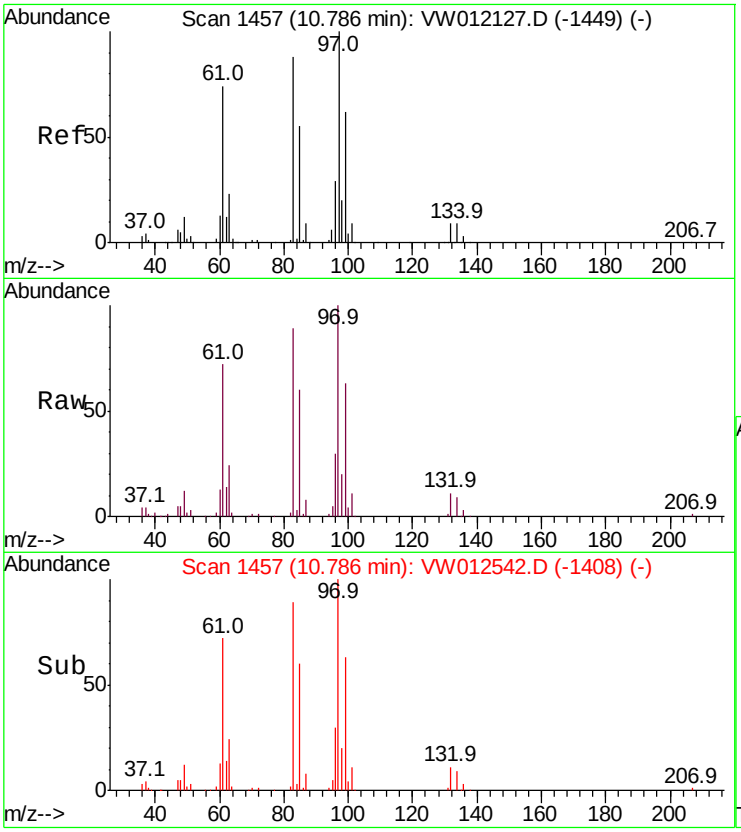


#54
cis-1,3-Dichloropropene
Concen: 19.786 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 75 Resp: 79974

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7
39	58.9	48.3	72.5



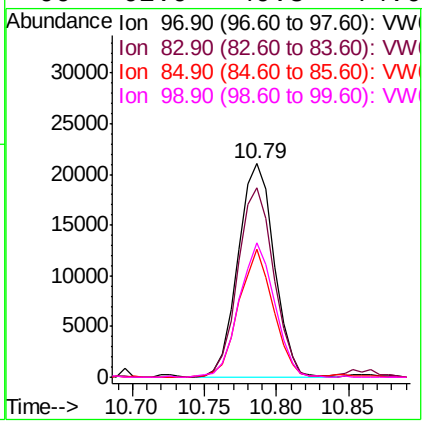


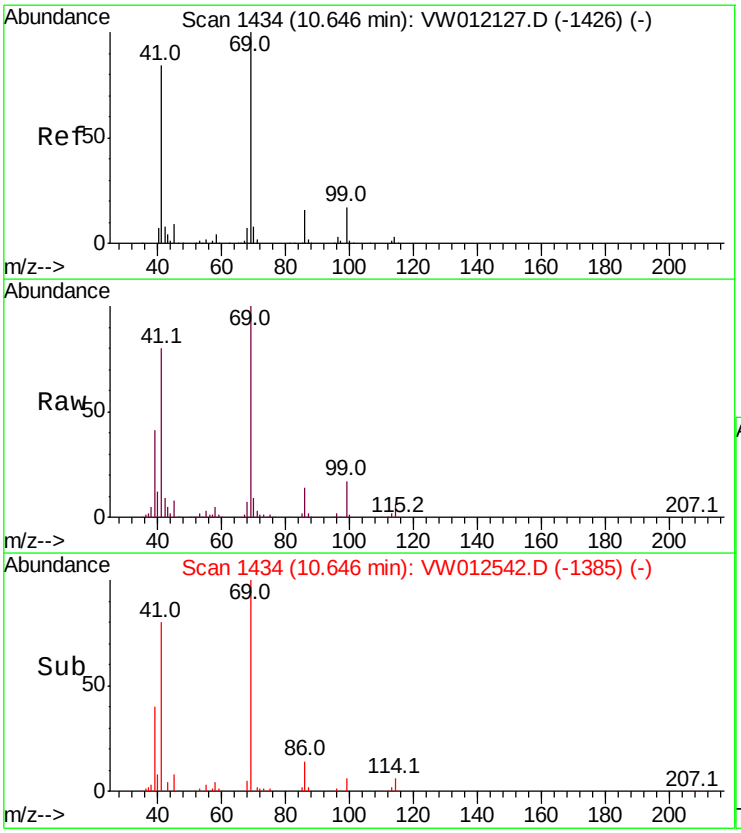
#55
1,1,2-Trichloroethane
Concen: 20.981 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 36655

Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.8	106.2
85	59.8	43.8	65.8
99	62.9	49.8	74.6

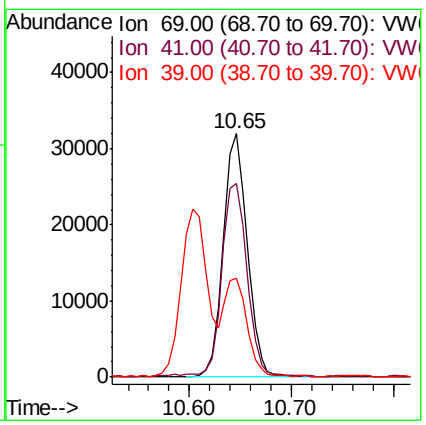


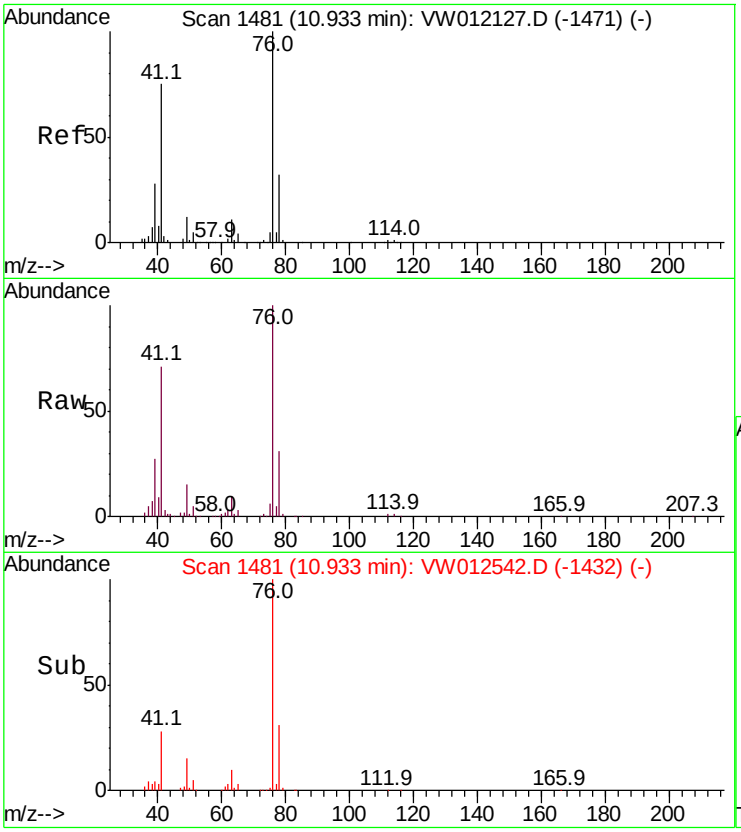


#56
Ethyl methacrylate
Concen: 20.595 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 69 Resp: 52368

Ion	Ratio	Lower	Upper
69	100		
41	83.5	66.5	99.7
39	38.2	31.0	46.4



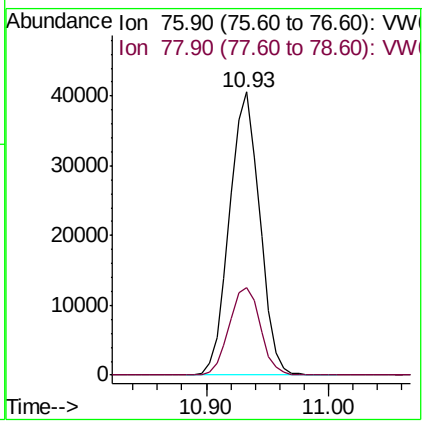


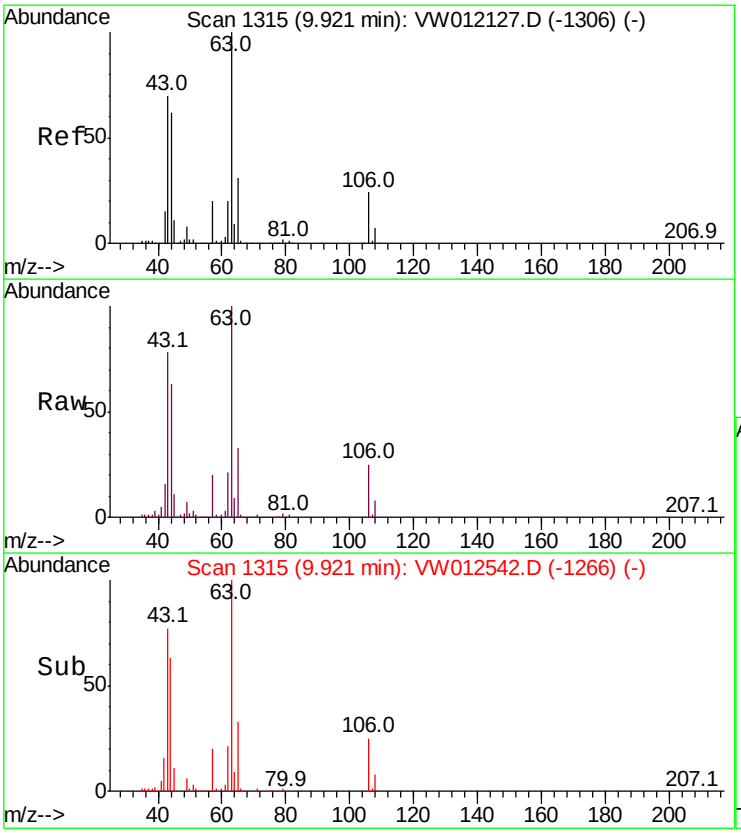
#57
1,3-Dichloropropane
Concen: 21.066 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 76 Resp: 69550

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.8	38.8

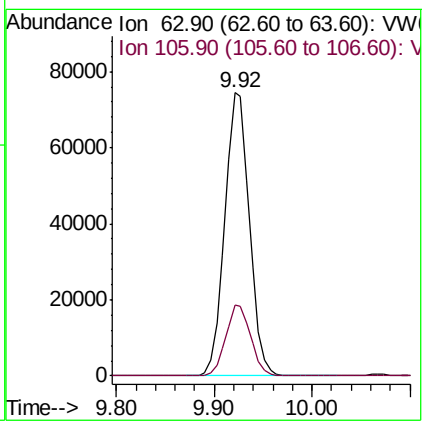


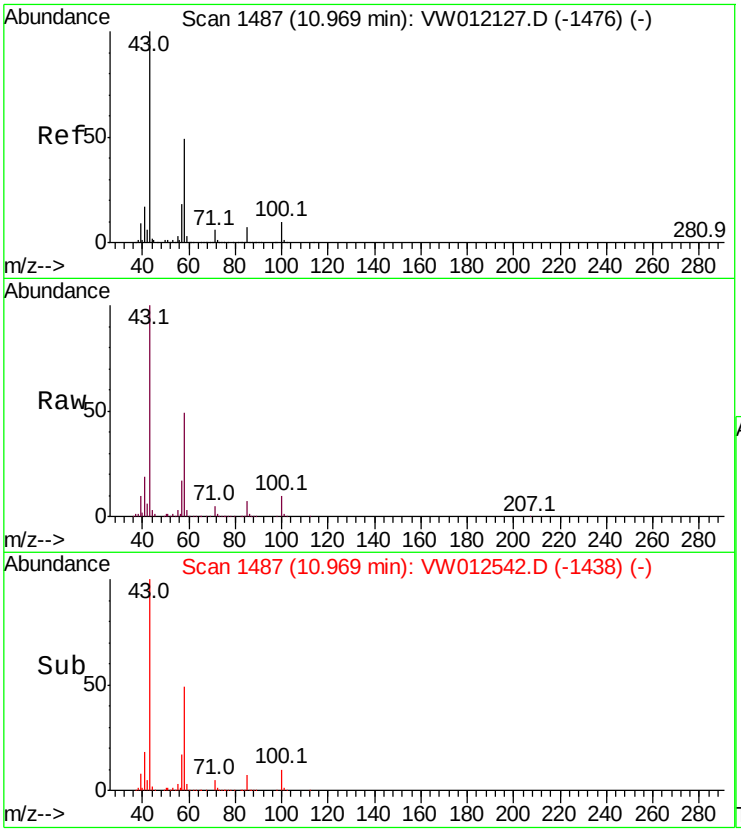


#58
2-Chloroethyl Vinyl ether
Concen: 99.418 ug/l
RT: 9.92 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 63 Resp: 129739

Ion	Ratio	Lower	Upper
63	100		
106	25.3	19.8	29.8



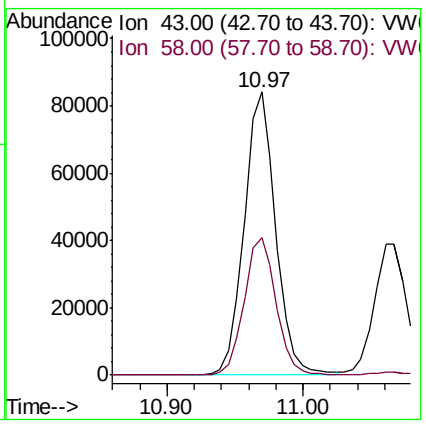


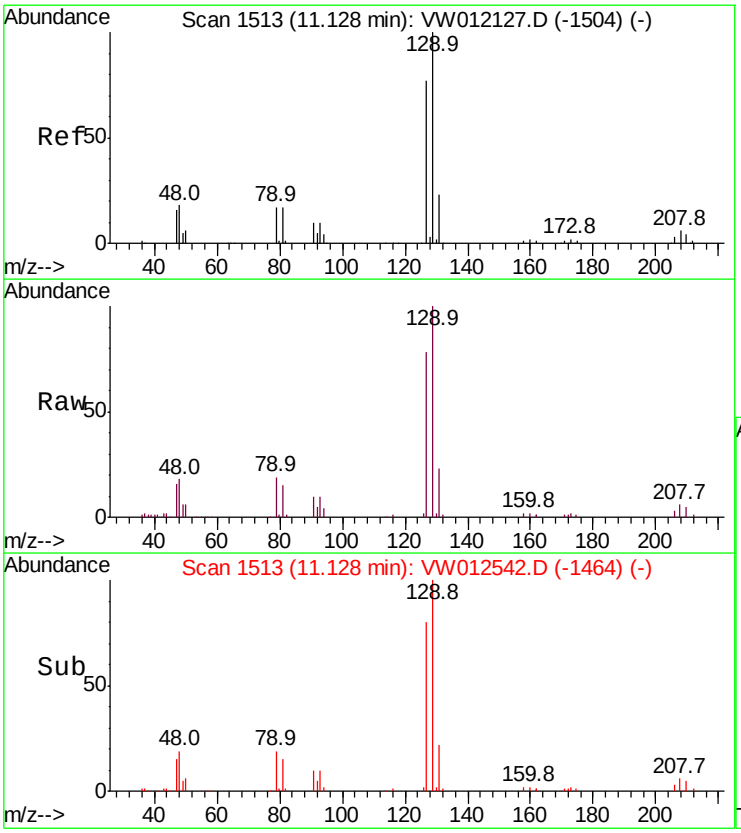
#59
2-Hexanone
Concen: 98.288 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 135595

Ion	Ratio	Lower	Upper
43	100		
58	49.5	24.3	72.9

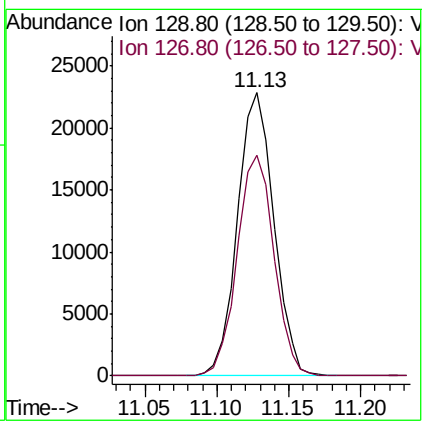


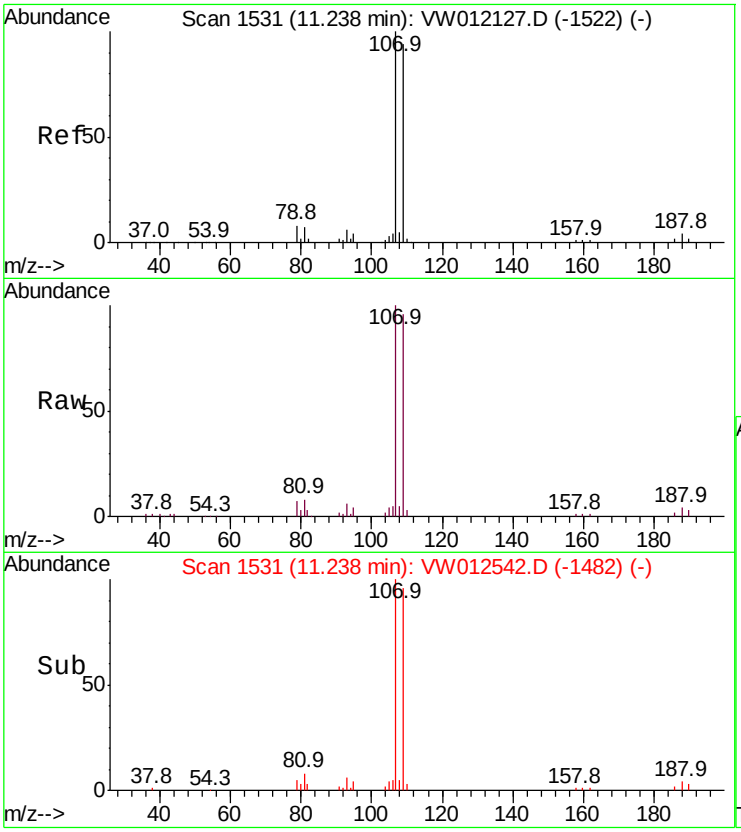


#60
Dibromochloromethane
Concen: 20.531 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion:129 Resp: 39952

Ion	Ratio	Lower	Upper
129	100		
127	79.0	38.6	115.8



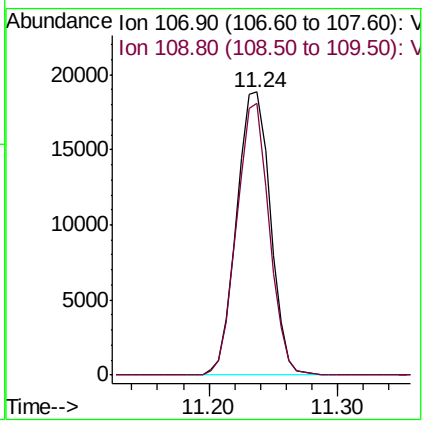


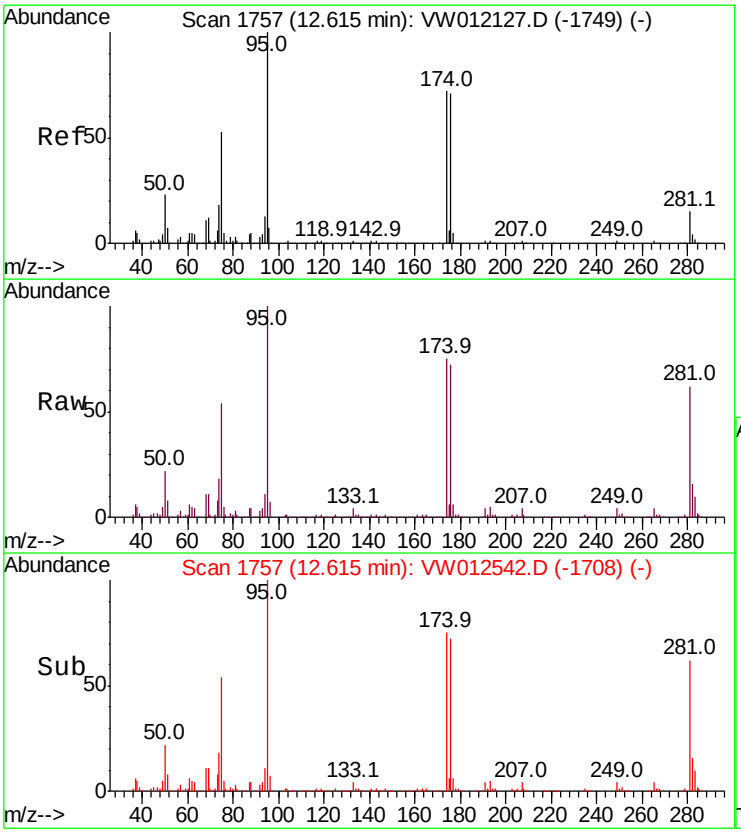
#61
1,2-Dibromoethane
Concen: 21.066 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:107 Resp: 34288

Ion	Ratio	Lower	Upper
107	100		
109	92.4	75.4	113.2

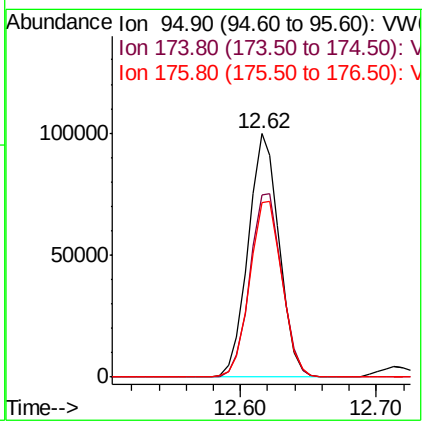


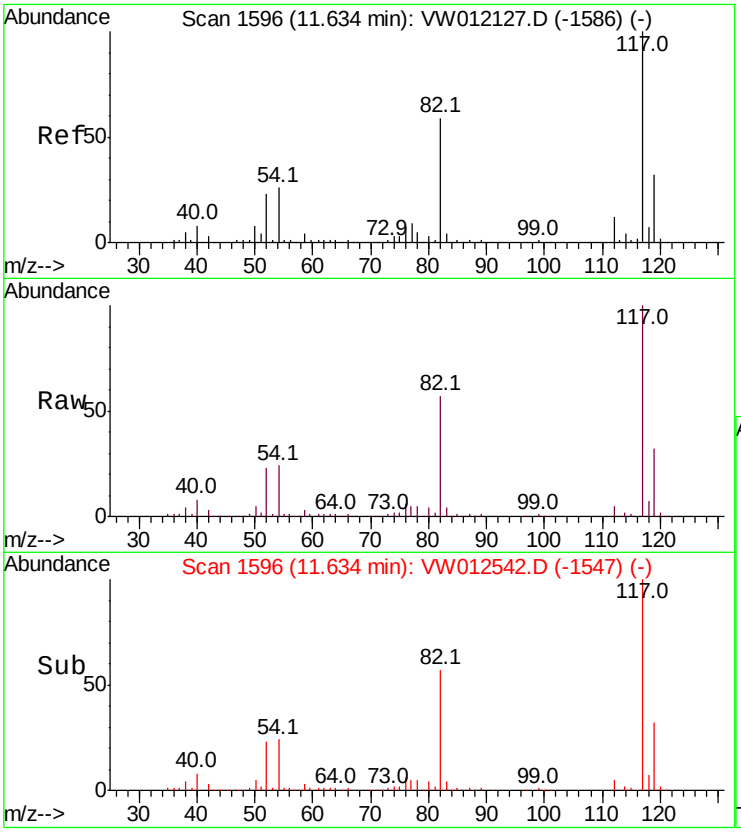


#62
4-Bromofluorobenzene
Concen: 51.180 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 95 Resp: 159571

Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	150.8
176	75.5	0.0	148.6



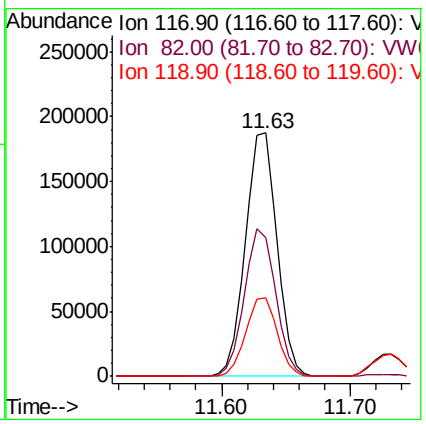


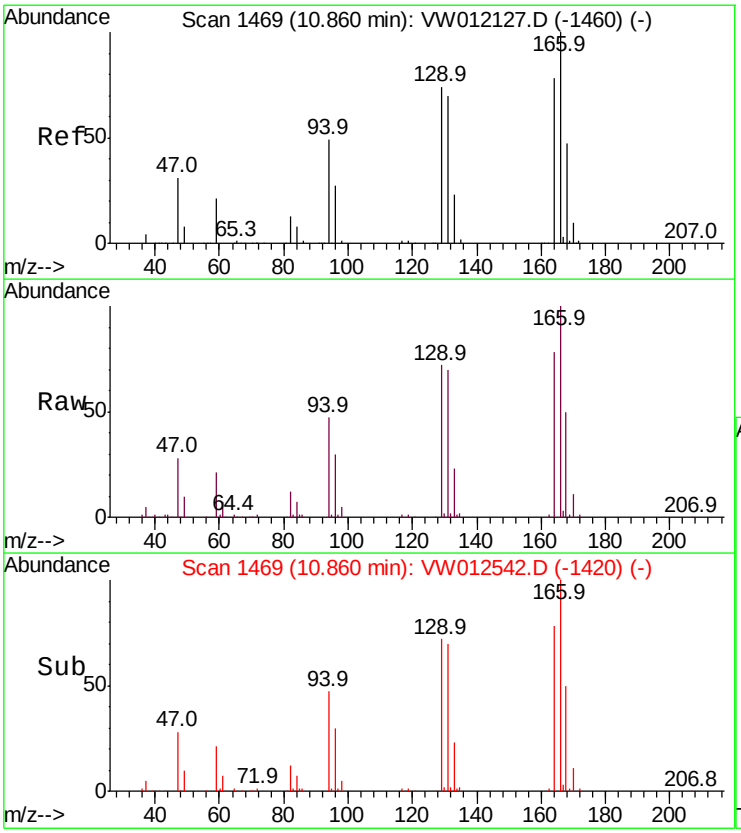
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:117 Resp: 315805

Ion	Ratio	Lower	Upper
117	100		
82	57.0	47.4	71.2
119	32.2	25.4	38.2

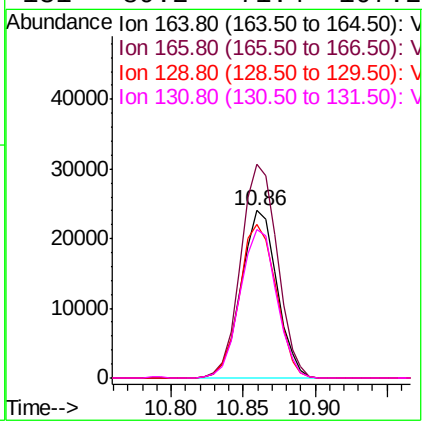


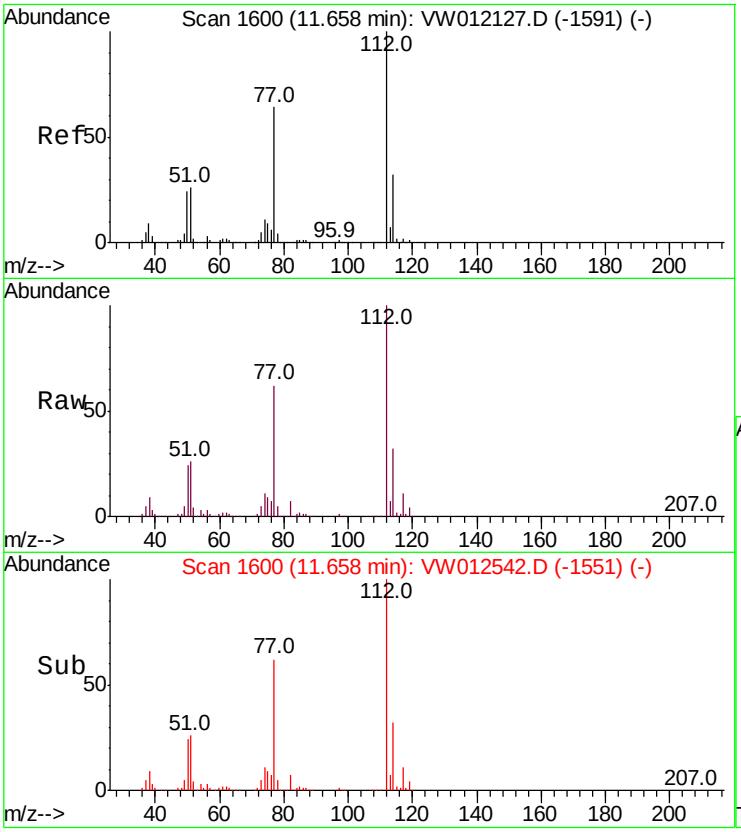


#64
Tetrachloroethene
Concen: 20.236 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion:164 Resp: 41433

Ion	Ratio	Lower	Upper
164	100		
166	127.8	102.4	153.6
129	92.0	75.8	113.6
131	89.2	71.4	107.2



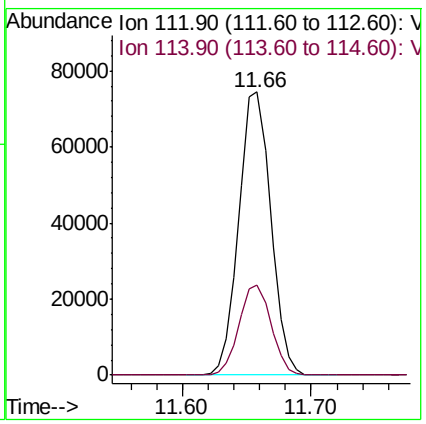


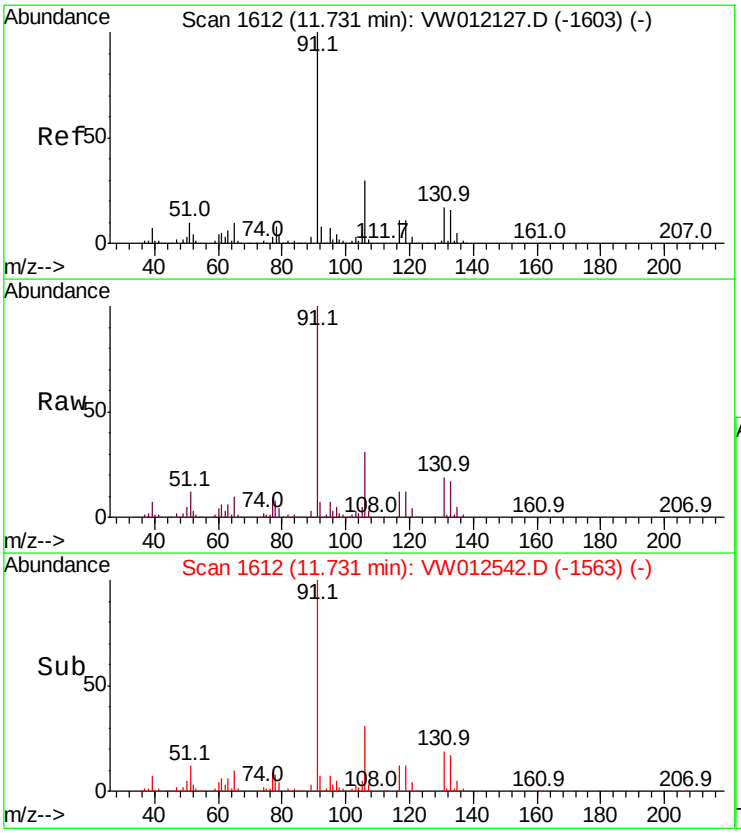
#65
Chlorobenzene
Concen: 20.581 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:112 Resp: 127984

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.8	38.6

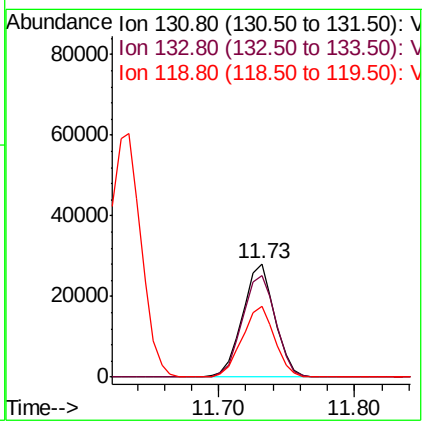


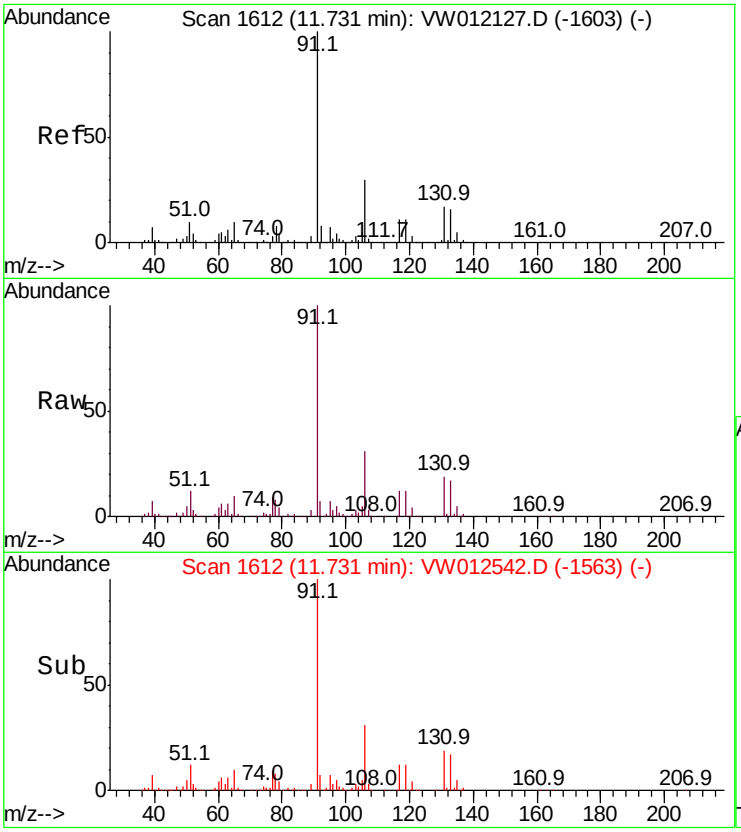


#66
1,1,1,2-Tetrachloroethane
Concen: 21.378 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion:131 Resp: 46377

Ion	Ratio	Lower	Upper
131	100		
133	93.6	47.1	141.3
119	63.4	31.8	95.3



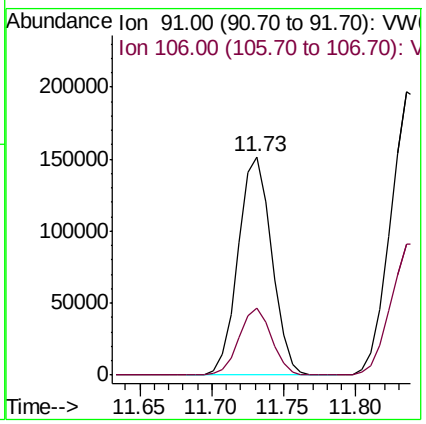


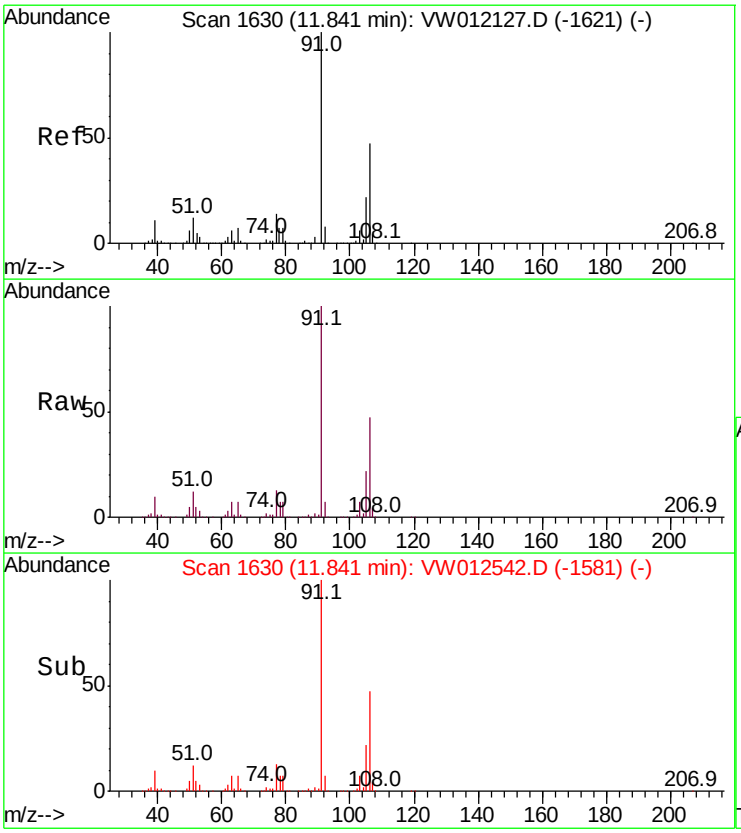
#67
Ethyl Benzene
Concen: 20.450 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 244966

Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.3	36.5

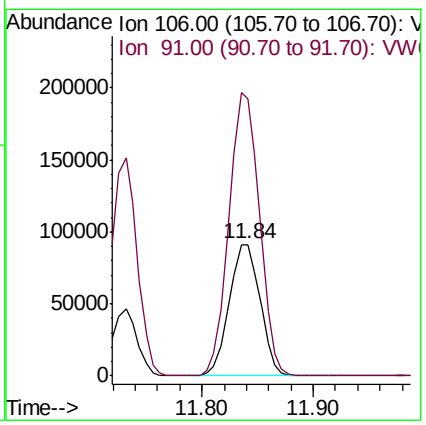


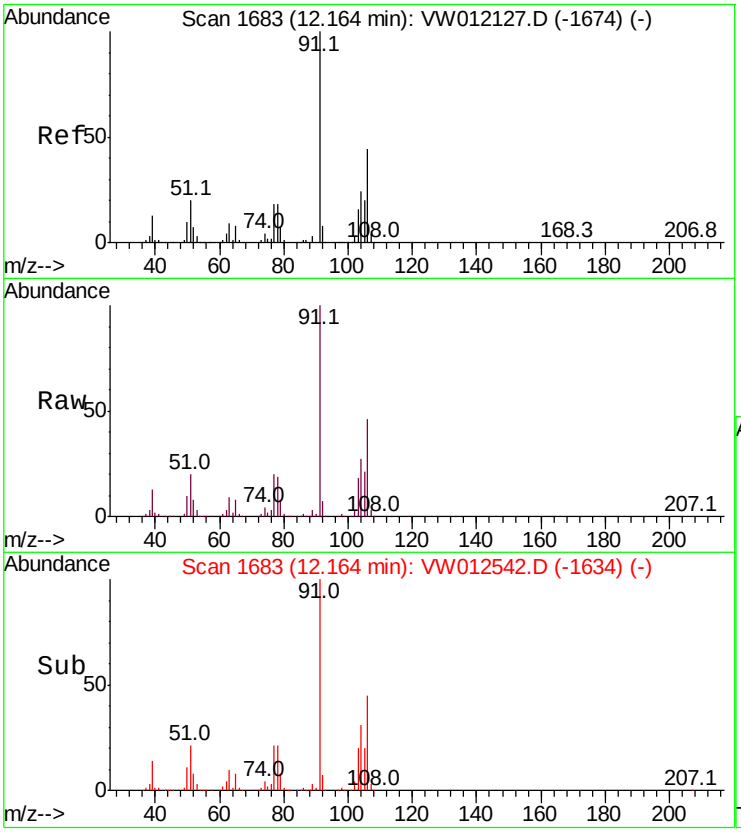


#68
m/p-Xylenes
Concen: 40.681 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion:106 Resp: 175534

Ion	Ratio	Lower	Upper
106	100		
91	212.8	169.5	254.3



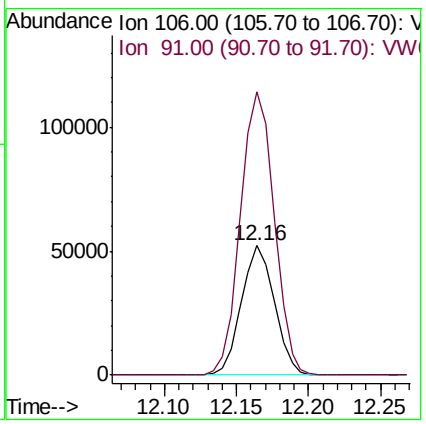


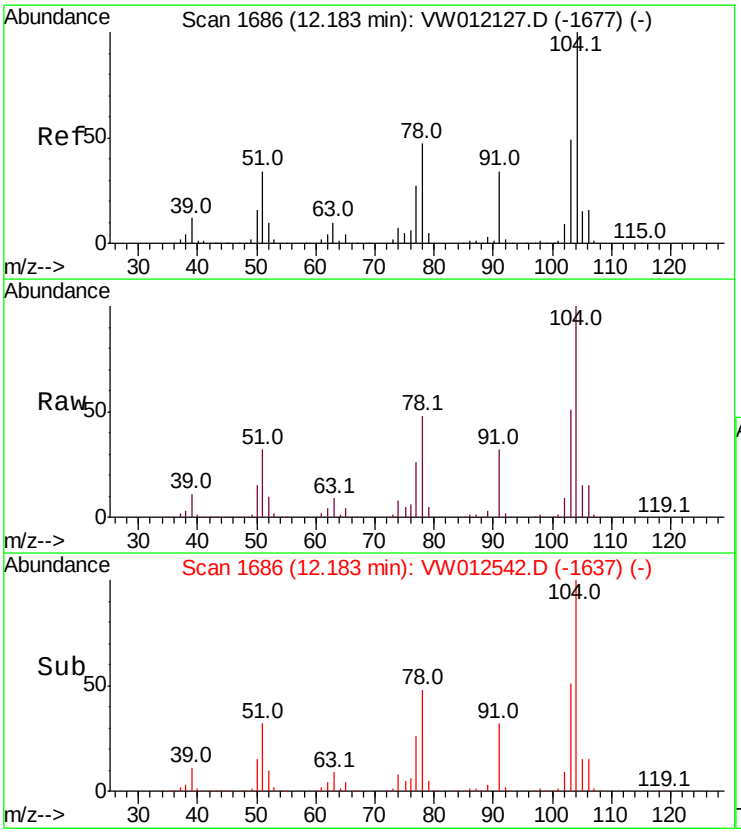
#69
o-Xylene
Concen: 20.705 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 82686

Ion	Ratio	Lower	Upper
106	100		
91	224.8	111.6	334.6

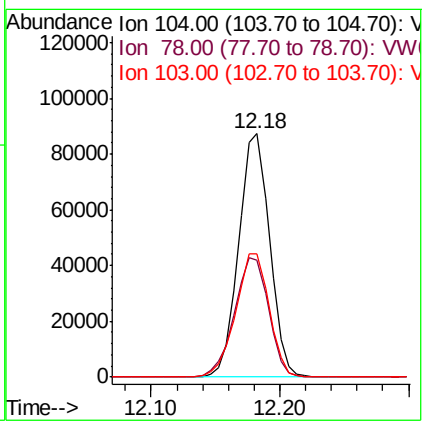


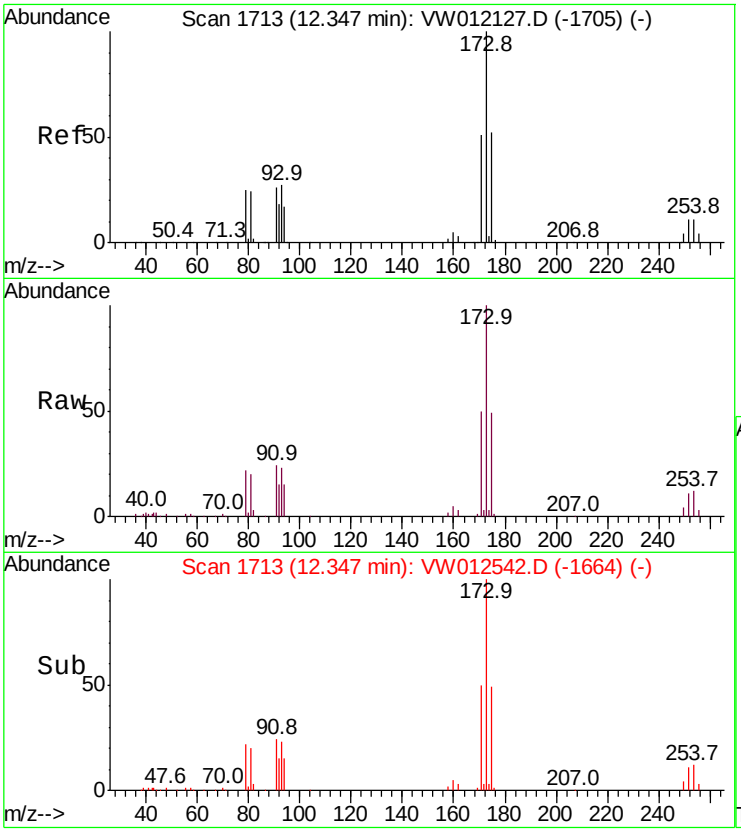


#70
Styrene
Concen: 20.959 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion:104 Resp: 144876

Ion	Ratio	Lower	Upper
104	100		
78	54.4	43.1	64.7
103	55.3	43.5	65.3



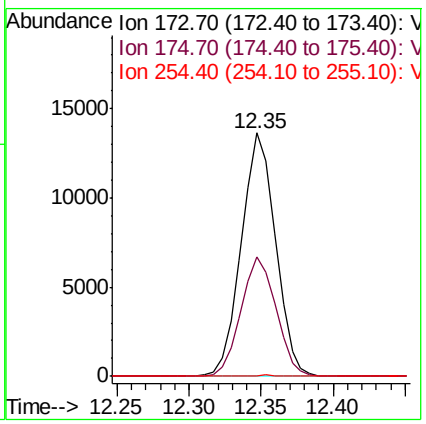


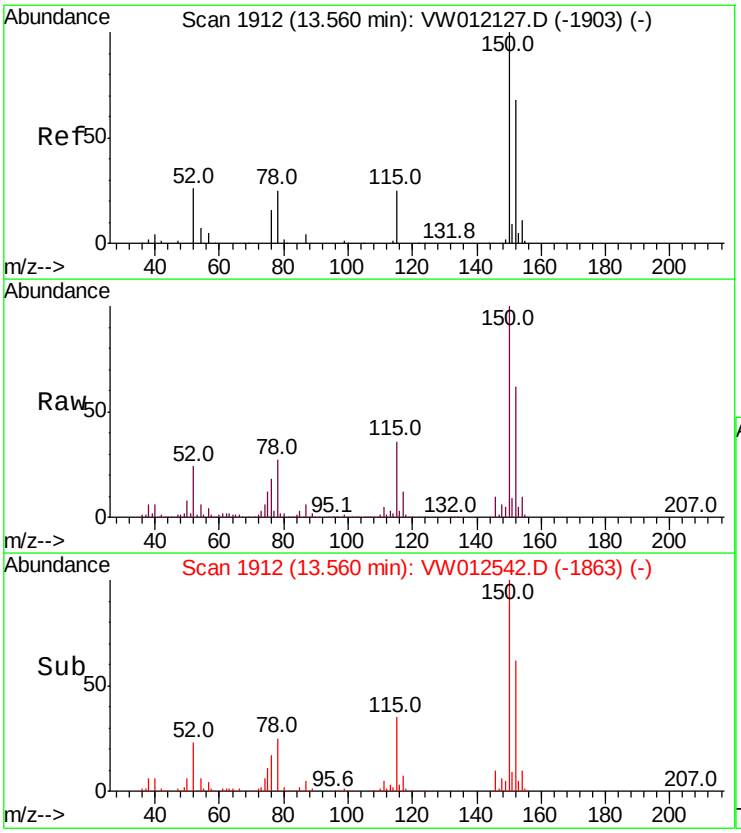
#71
Bromoform
Concen: 20.753 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:173 Resp: 22431

Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.6	74.0
254	0.1	0.2	0.2#

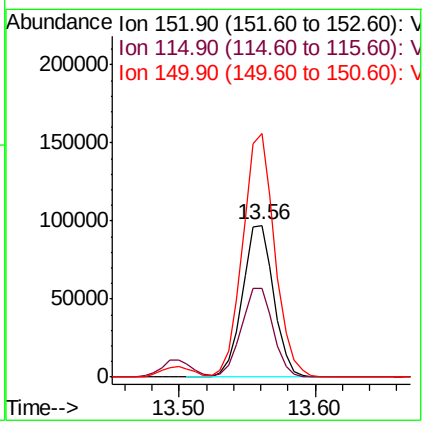


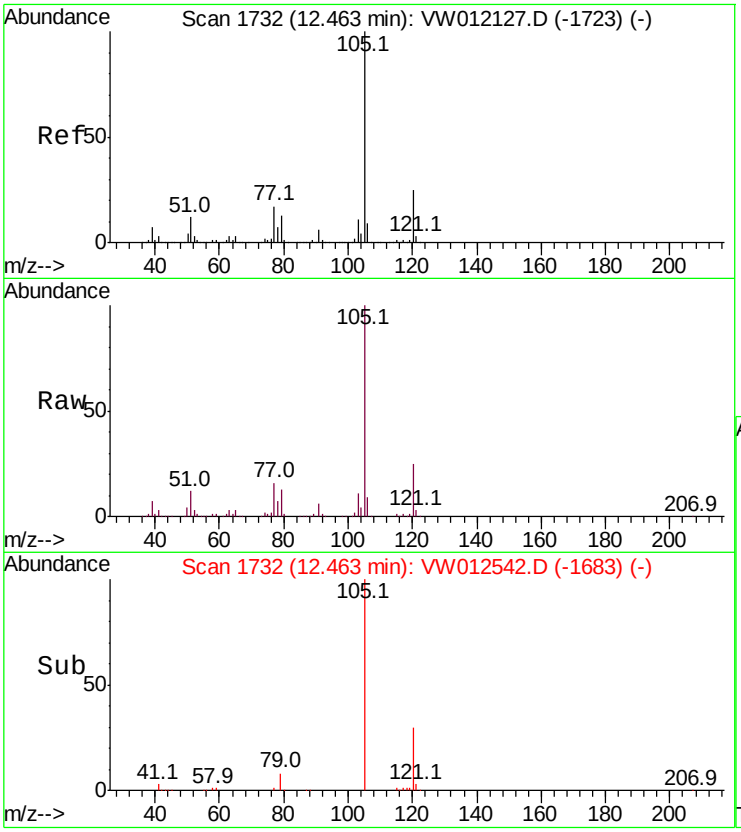


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion:152 Resp: 156648

Ion	Ratio	Lower	Upper
152	100		
115	59.4	30.1	90.3
150	164.2	0.0	345.8



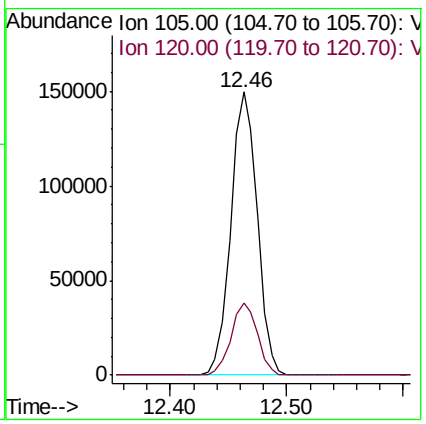


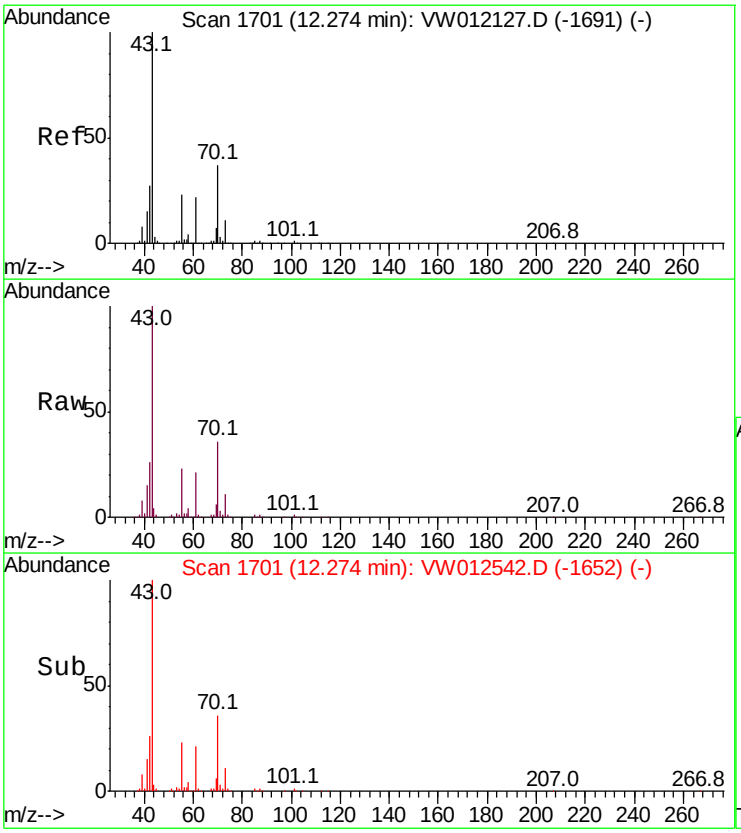
#73
Isopropylbenzene
Concen: 20.125 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 236224

Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.5	37.5

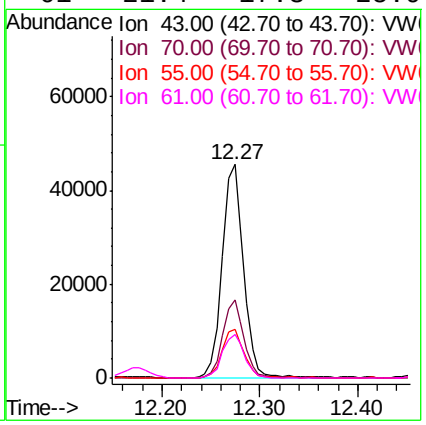


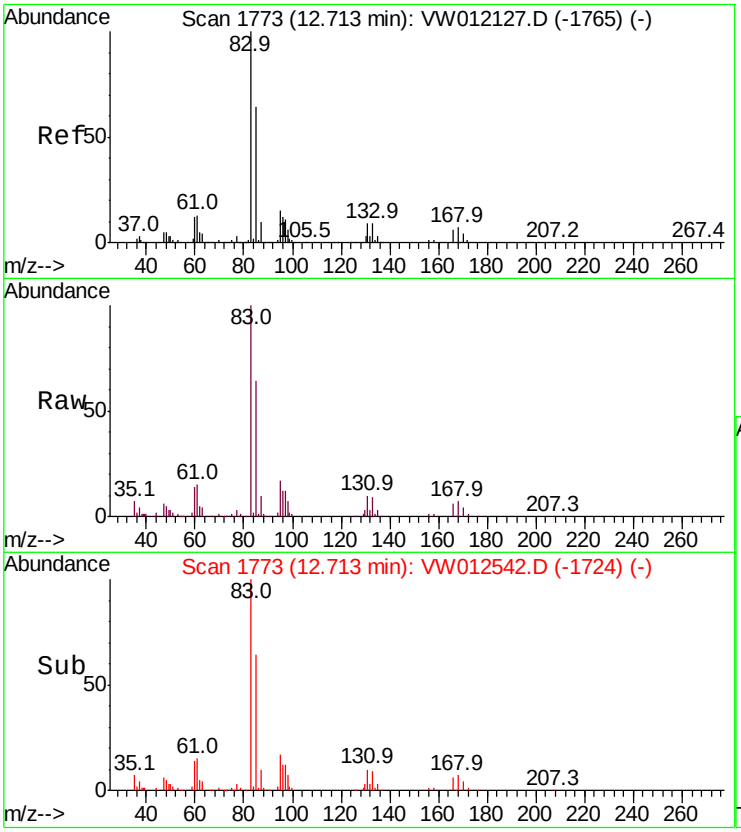


#74
N-amyl acetate
Concen: 19.343 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 43 Resp: 68598

Ion	Ratio	Lower	Upper
43	100		
70	36.1	28.6	43.0
55	23.6	17.8	26.6
61	21.4	17.3	25.9



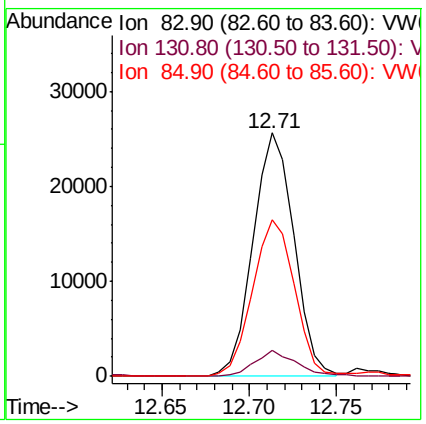


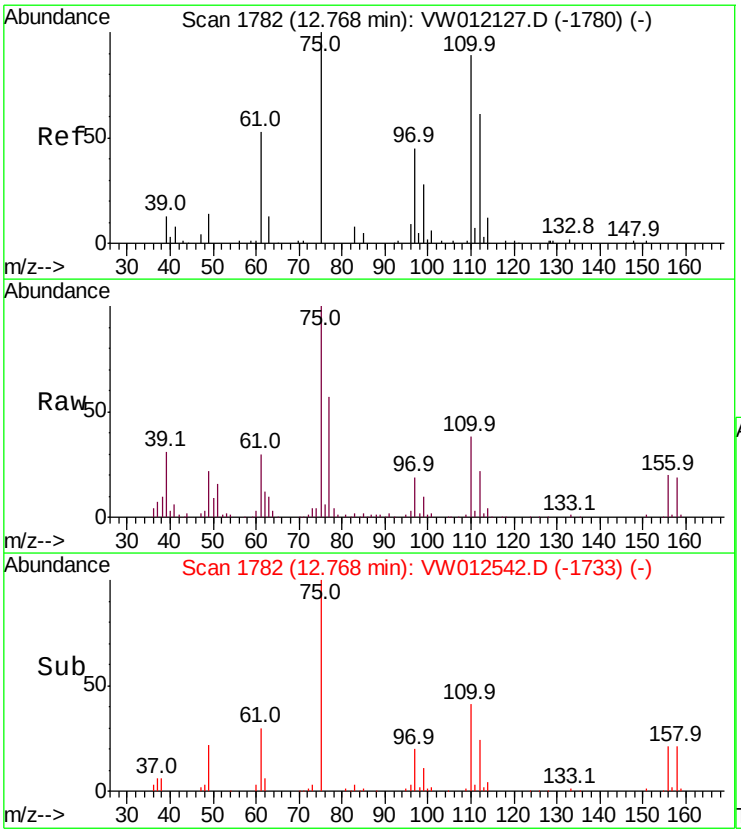
#75
1,1,2,2-Tetrachloroethane
Concen: 19.403 ug/l
RT: 12.71 min Scan# 1773
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 41753

Ion	Ratio	Lower	Upper
83	100		
131	10.7	4.9	14.7
85	66.1	31.9	95.7

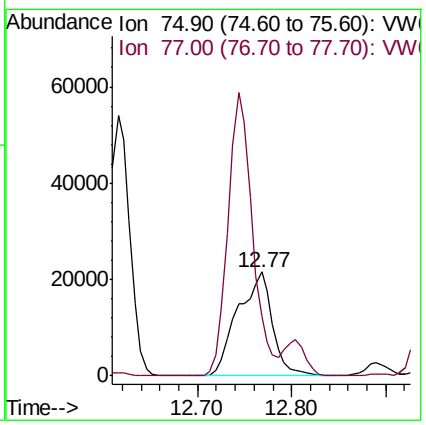


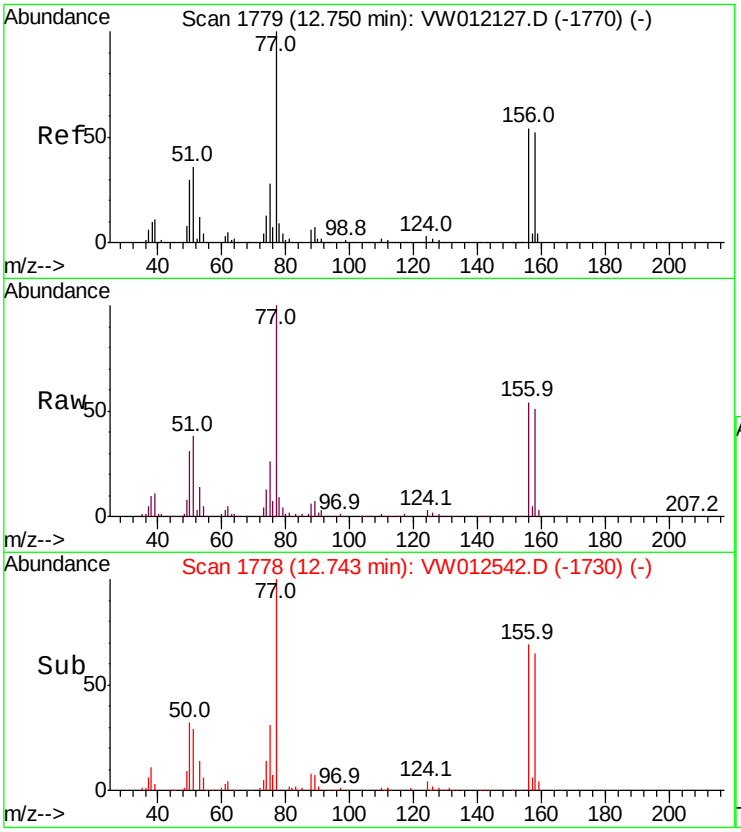


#76
1,2,3-Trichloropropane
Concen: 36.560 ug/l
RT: 12.77 min Scan# 1782
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 75 Resp: 55777

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



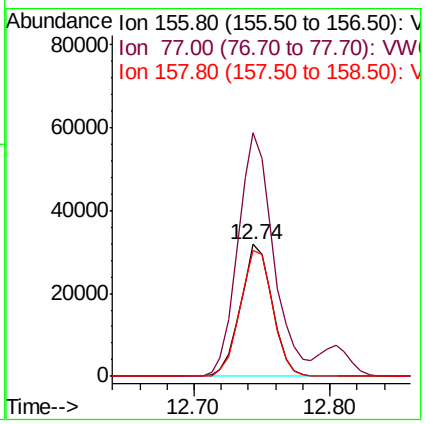


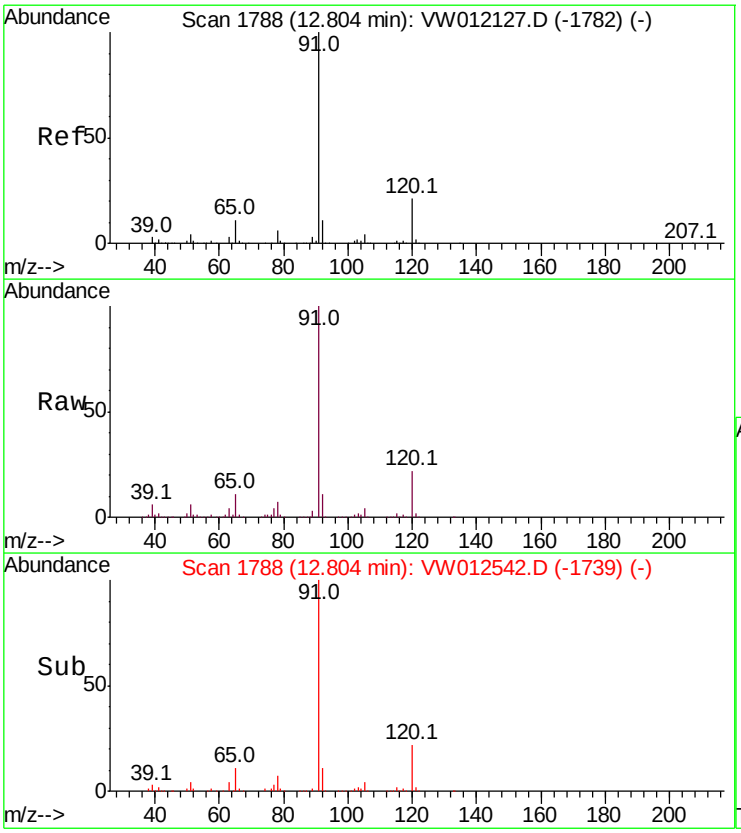
#77
Bromobenzene
Concen: 20.489 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:156 Resp: 52029

Ion	Ratio	Lower	Upper
156	100		
77	206.4	107.3	321.8
158	97.8	49.0	147.0

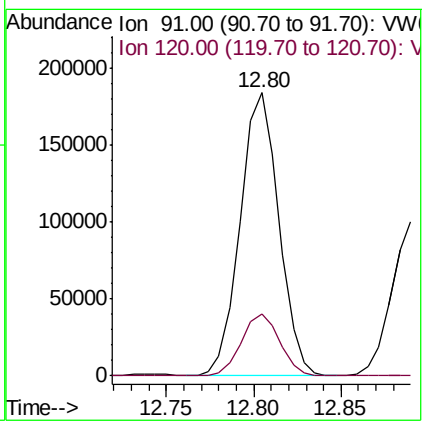


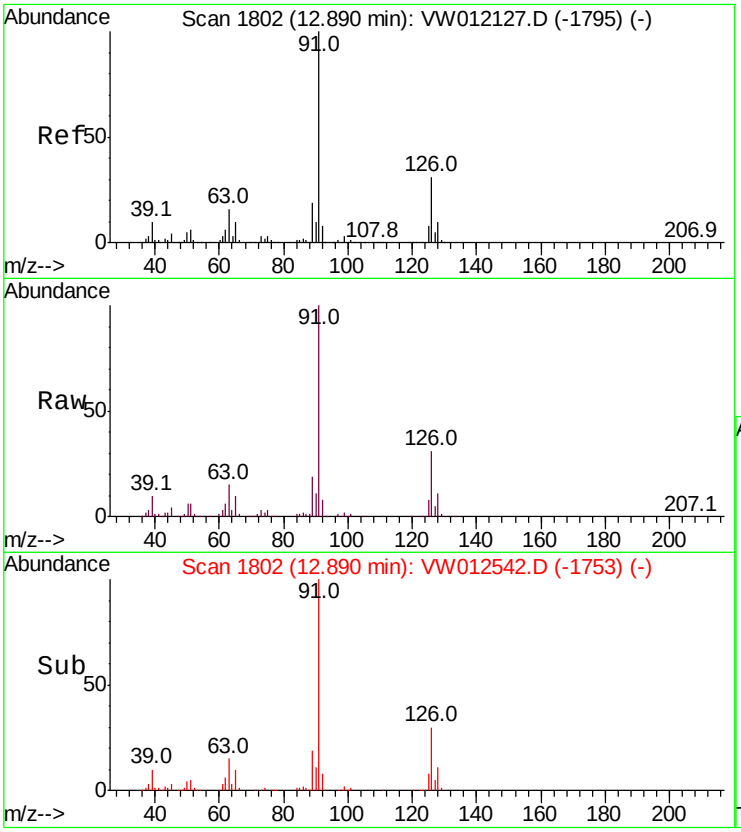


#78
n-propylbenzene
Concen: 19.776 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 91 Resp: 283377

Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.5	31.6



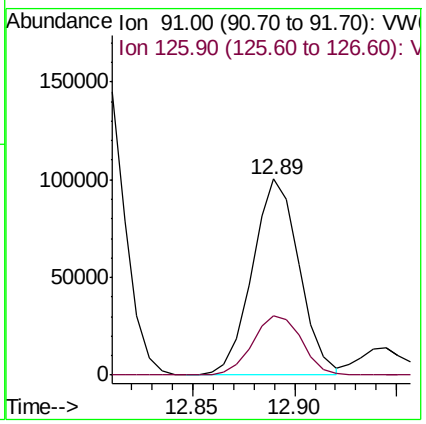


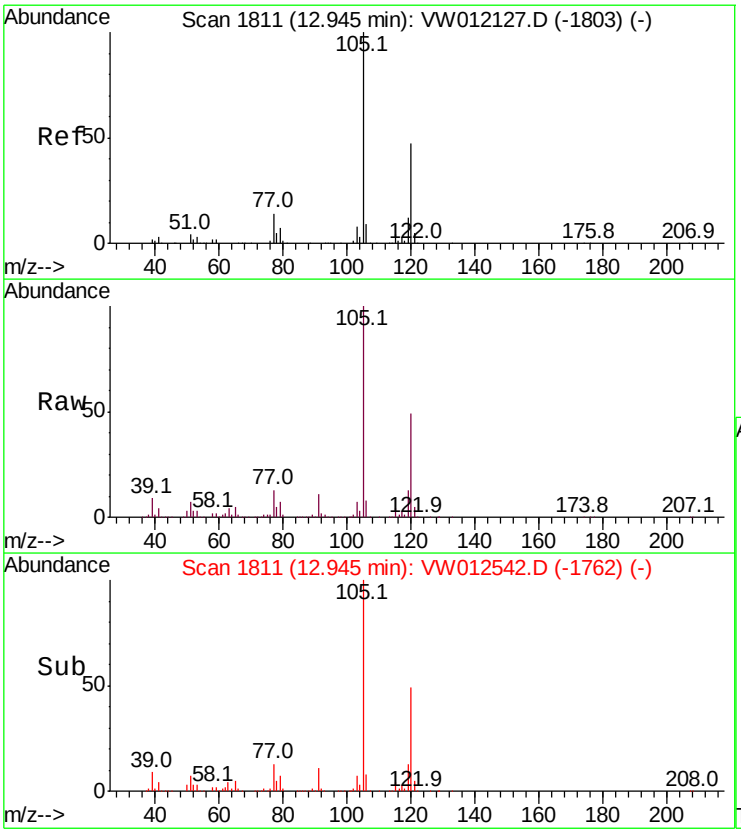
#79
2-Chlorotoluene
Concen: 19.700 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 160272

Ion	Ratio	Lower	Upper
91	100		
126	32.0	15.7	47.0

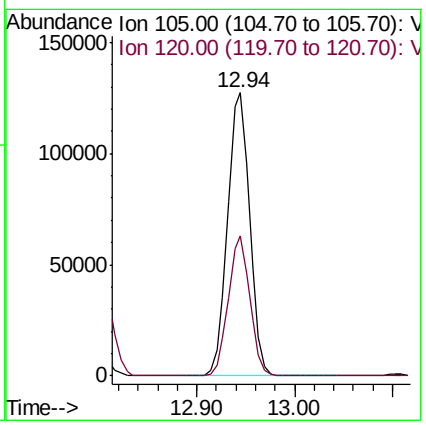


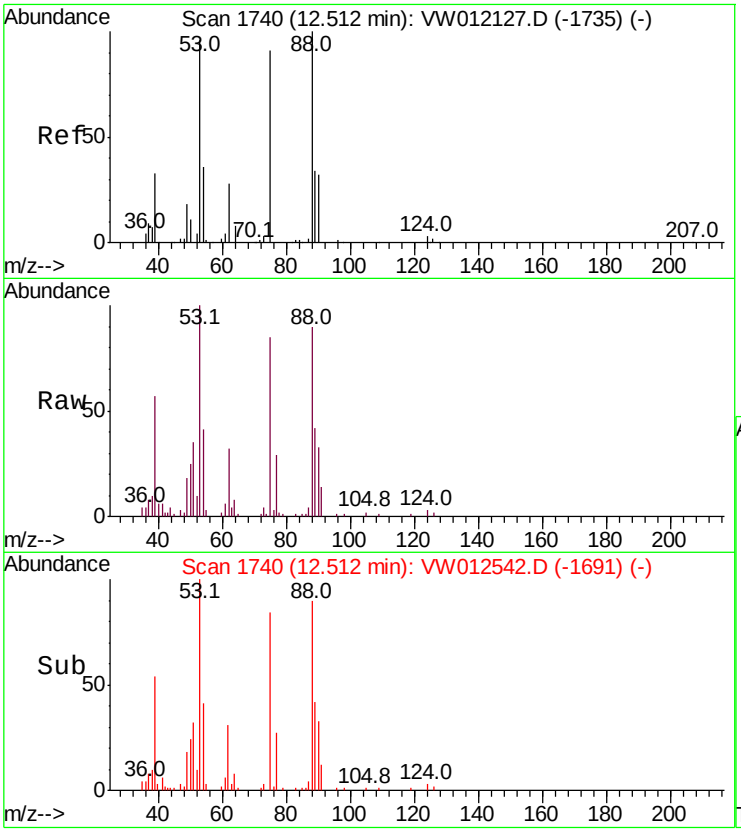


#80
1,3,5-Trimethylbenzene
Concen: 20.335 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion:105 Resp: 199452

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.0	72.0



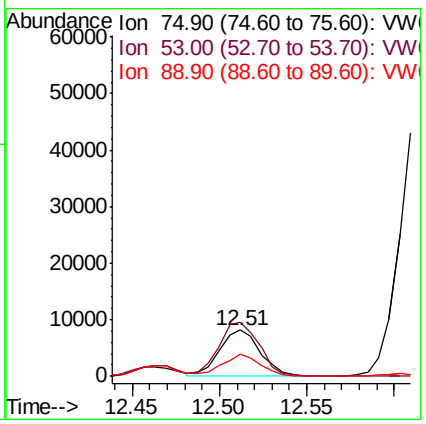


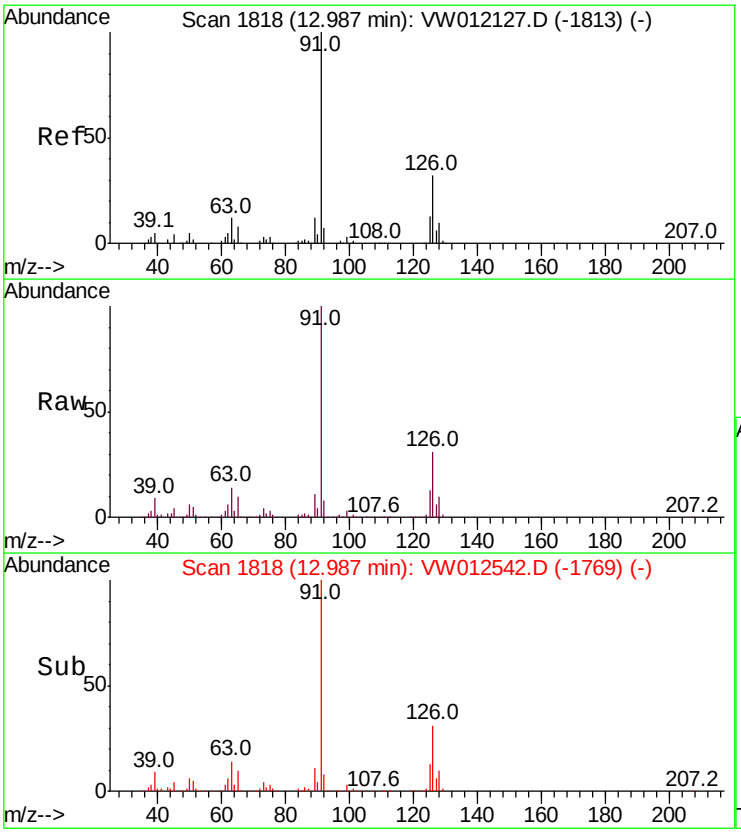
#81
trans-1,4-Dichloro-2-butene
Concen: 19.141 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 13319

Ion	Ratio	Lower	Upper
75	100		
53	115.1	89.4	134.0
89	45.9	34.5	51.7

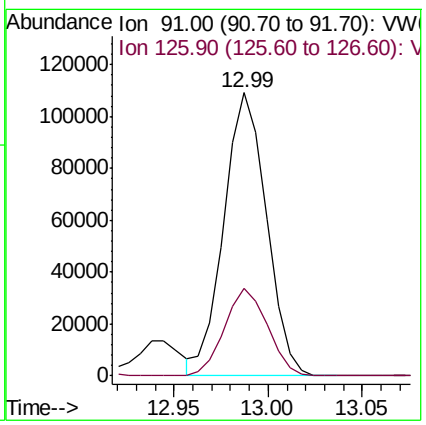


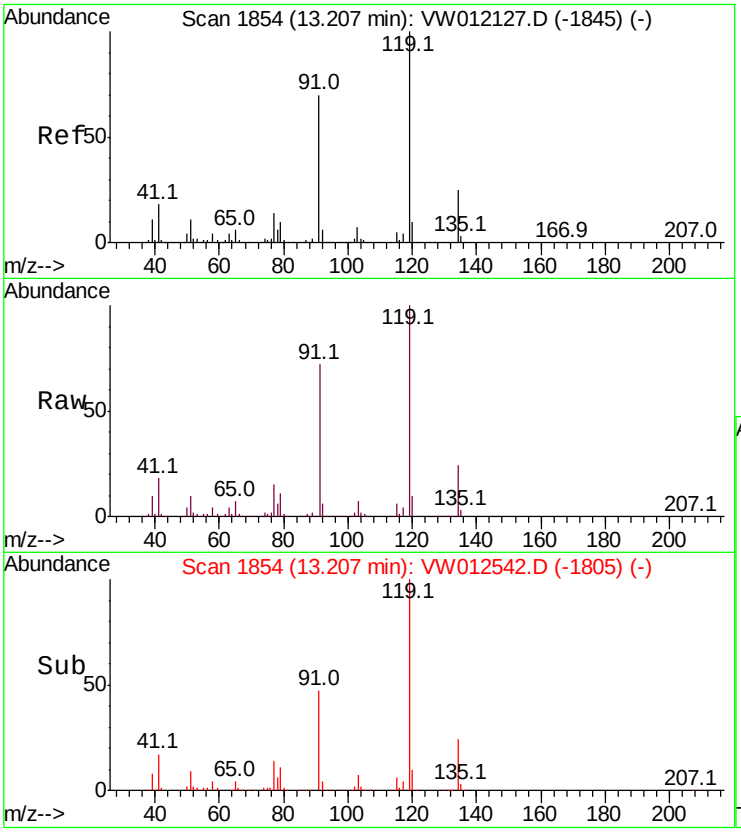


#82
4-Chlorotoluene
Concen: 20.113 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 91 Resp: 171329

Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.6	46.8



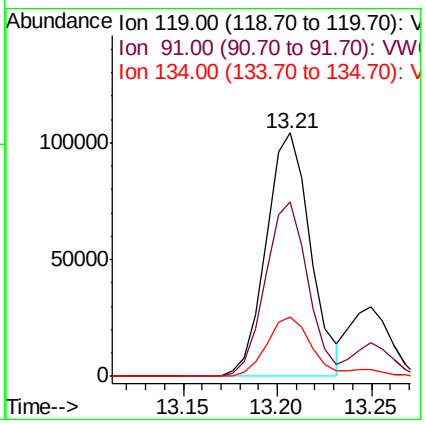


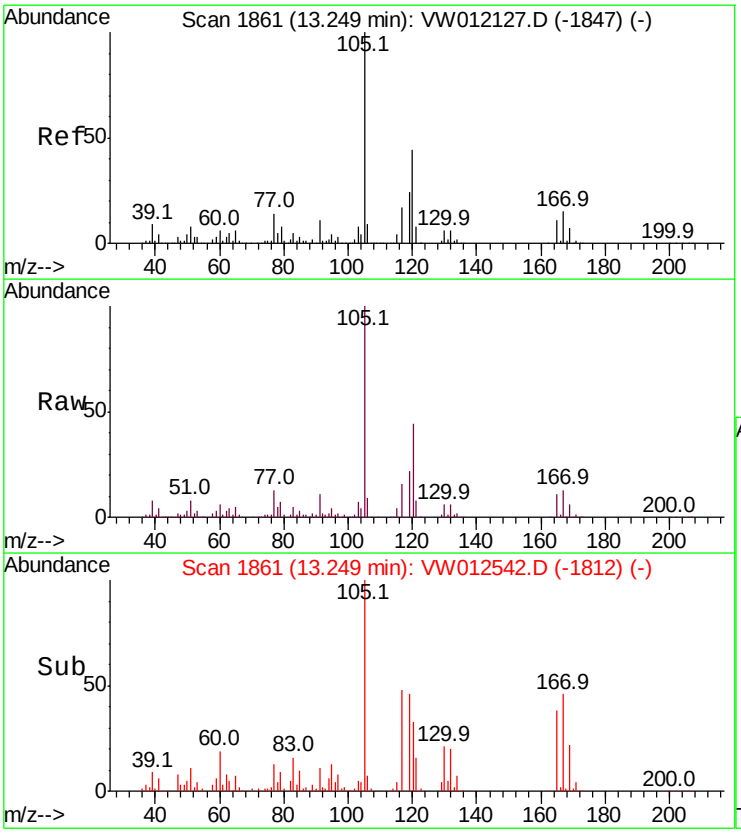
#83
tert-Butylbenzene
Concen: 20.423 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:119 Resp: 169677

Ion	Ratio	Lower	Upper
119	100		
91	68.9	34.8	104.3
134	24.4	13.3	39.8

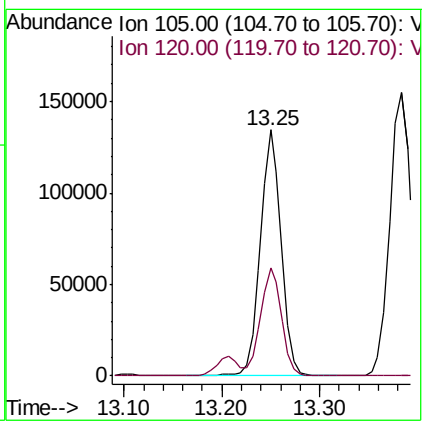


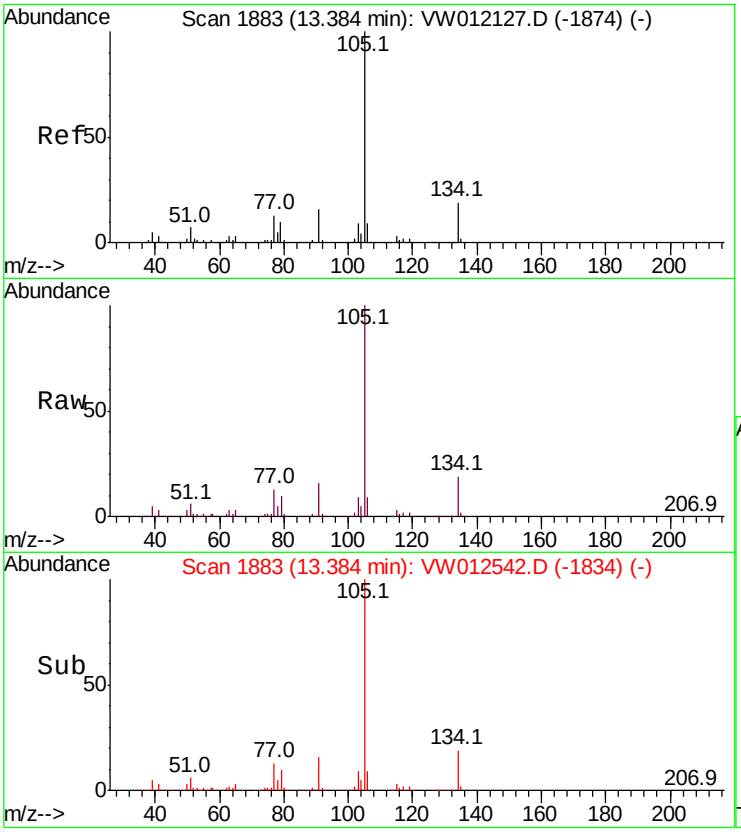


#84
1,2,4-Trimethylbenzene
Concen: 20.229 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion:105 Resp: 199308

Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.9	65.7



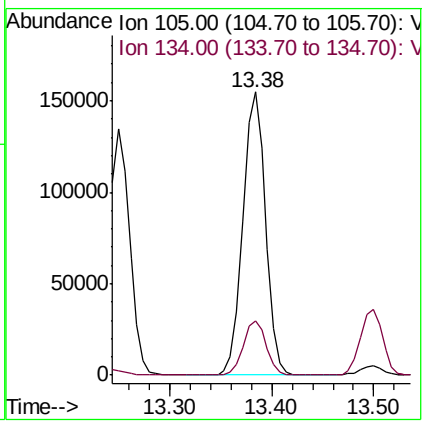


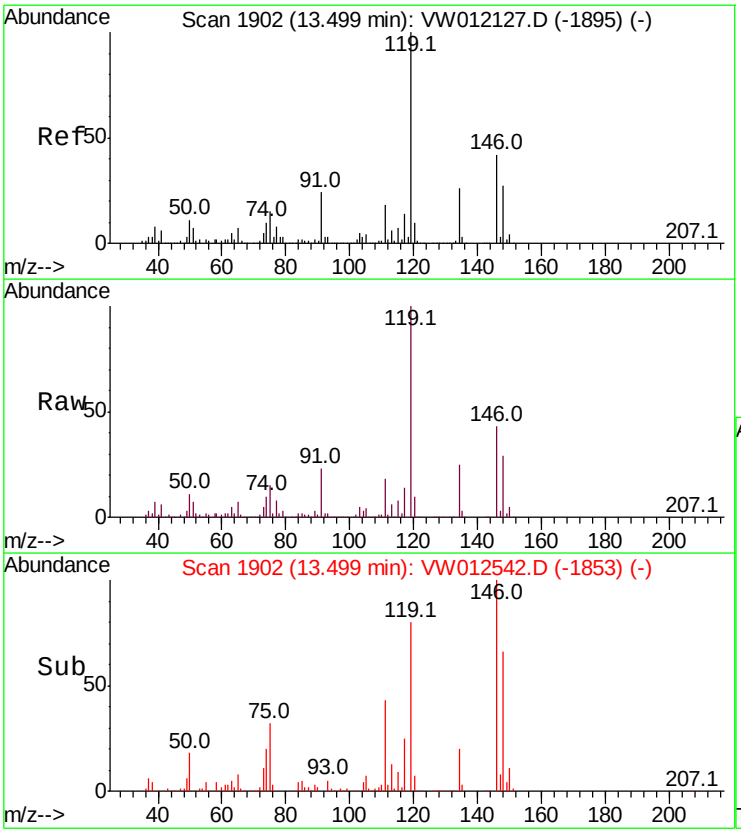
#85
sec-Butylbenzene
Concen: 20.080 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 239014

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.4

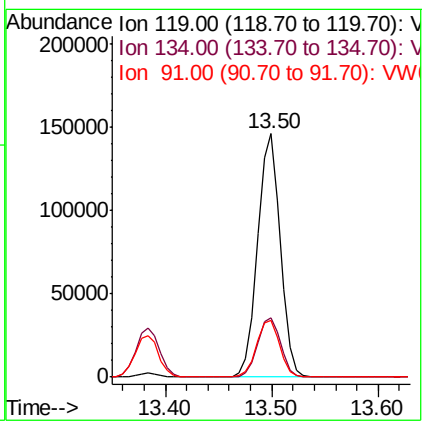


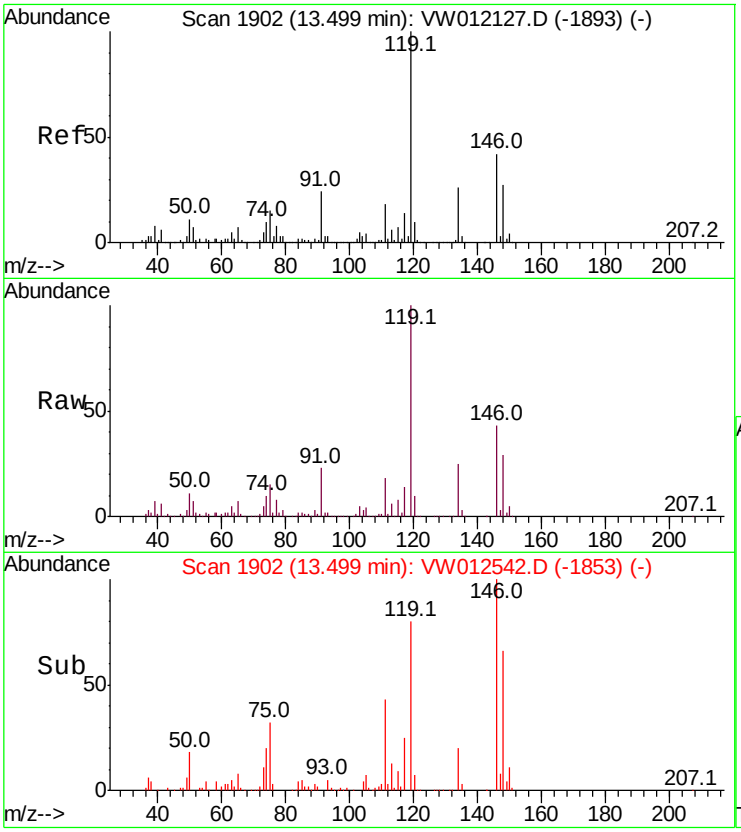


#86
p-Isopropyltoluene
Concen: 20.566 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion:119 Resp: 218620

Ion	Ratio	Lower	Upper
119	100		
134	24.8	12.8	38.3
91	23.9	12.3	36.9



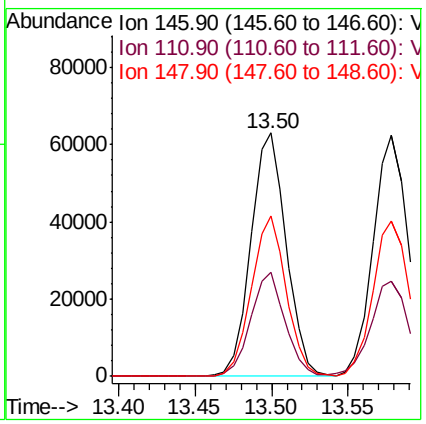


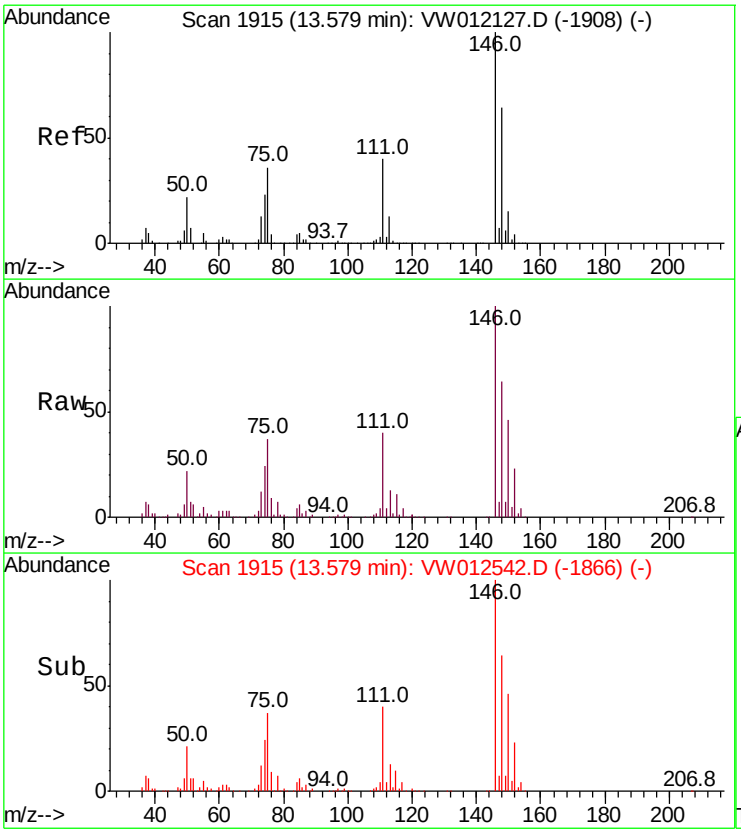
#87
1,3-Dichlorobenzene
Concen: 20.384 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:146 Resp: 101243

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.9	62.7
148	64.9	32.2	96.6

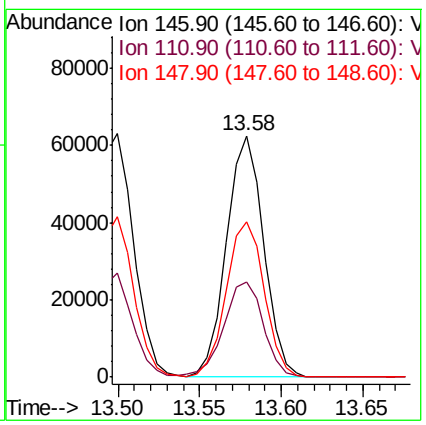


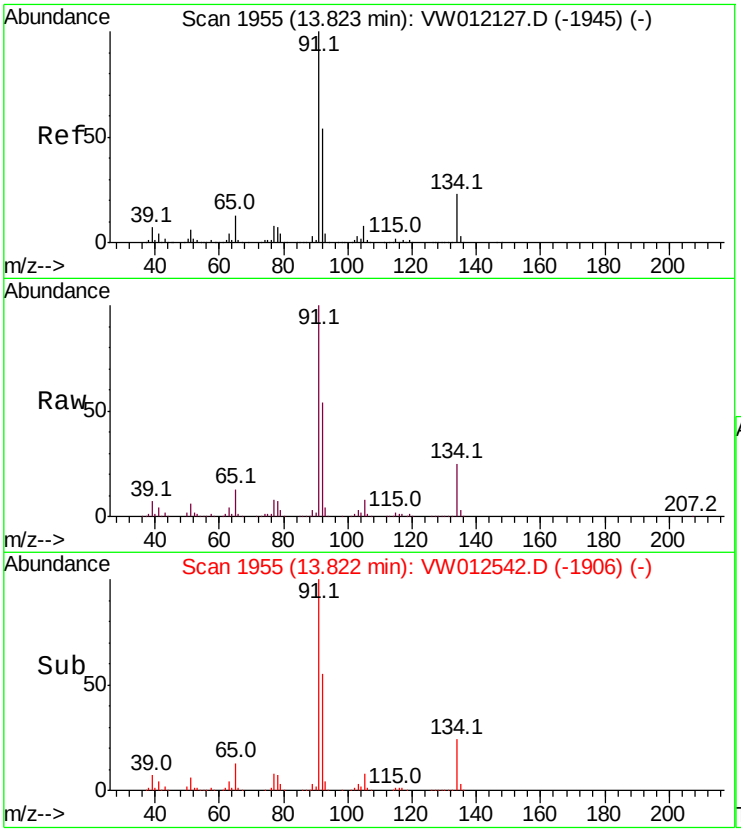


#88
1,4-Dichlorobenzene
Concen: 20.161 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion:146 Resp: 99427

Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.0	60.0
148	65.7	32.1	96.3



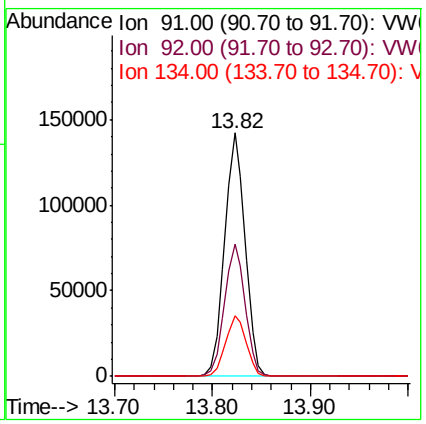


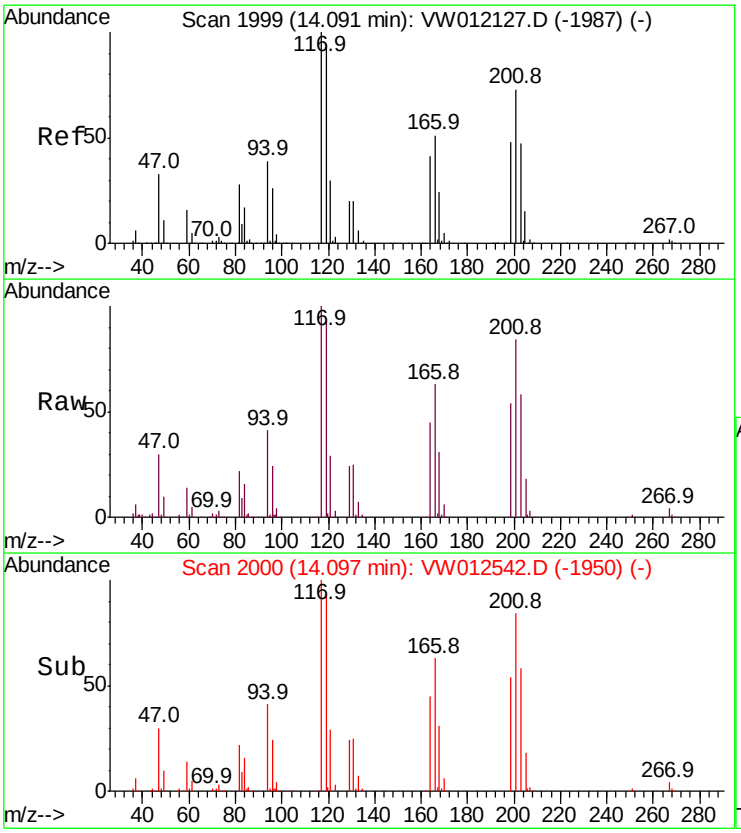
#89
n-Butylbenzene
Concen: 19.603 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 207229

Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.1	81.2
134	25.1	12.2	36.4

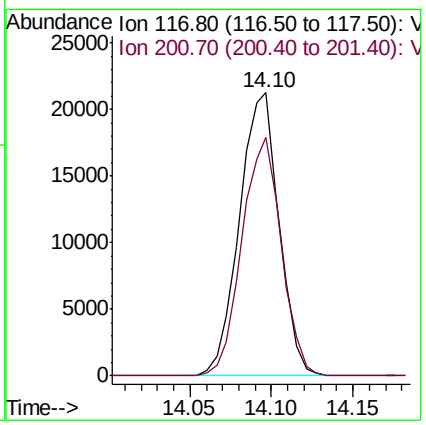


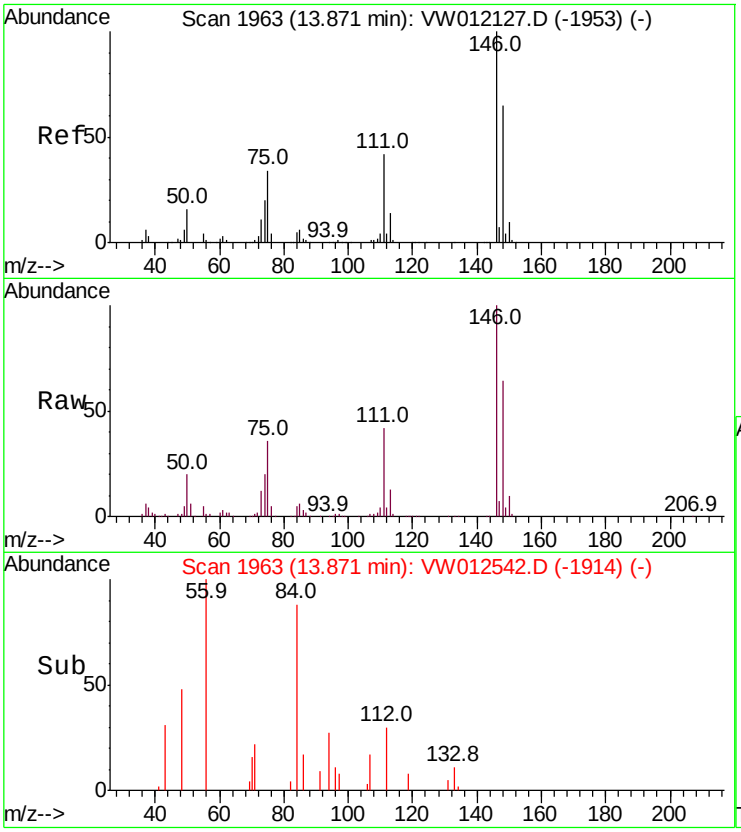


#90
Hexachloroethane
Concen: 19.228 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion:117 Resp: 35861

Ion	Ratio	Lower	Upper
117	100		
201	83.6	38.6	115.7



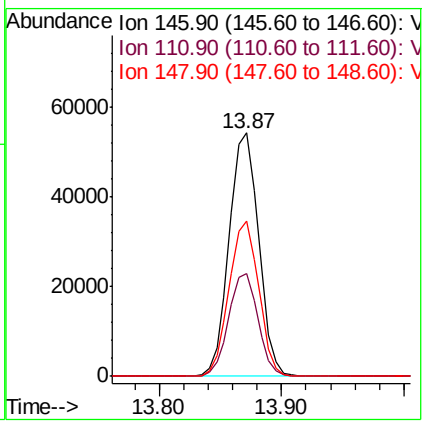


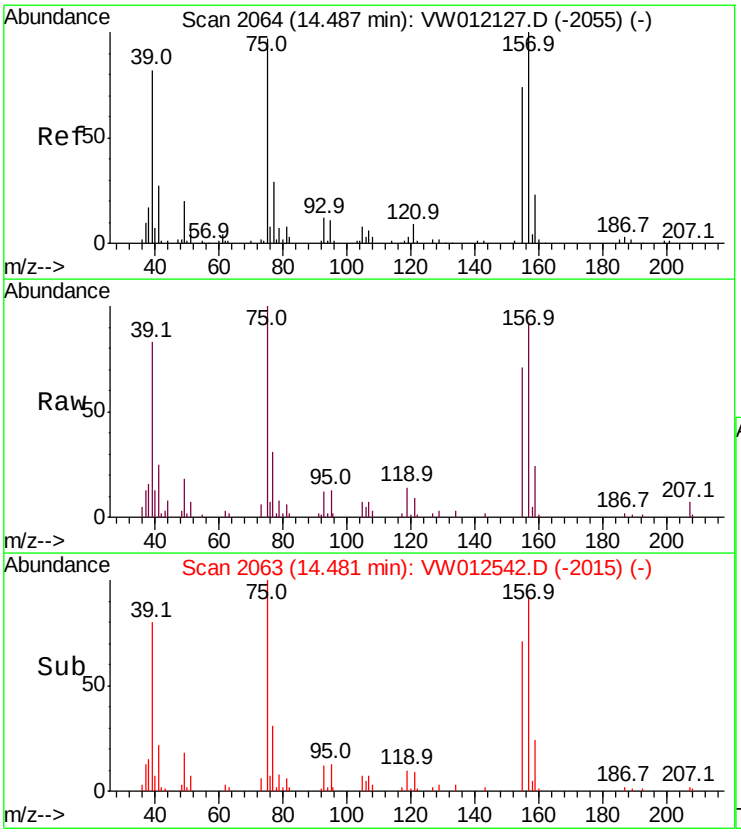
#91
1,2-Dichlorobenzene
Concen: 20.745 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:146 Resp: 90390

Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.2	63.6
148	64.1	32.5	97.4

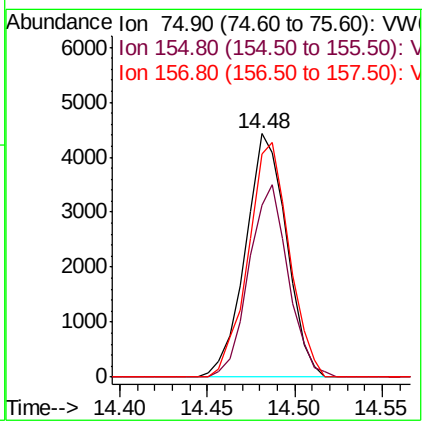


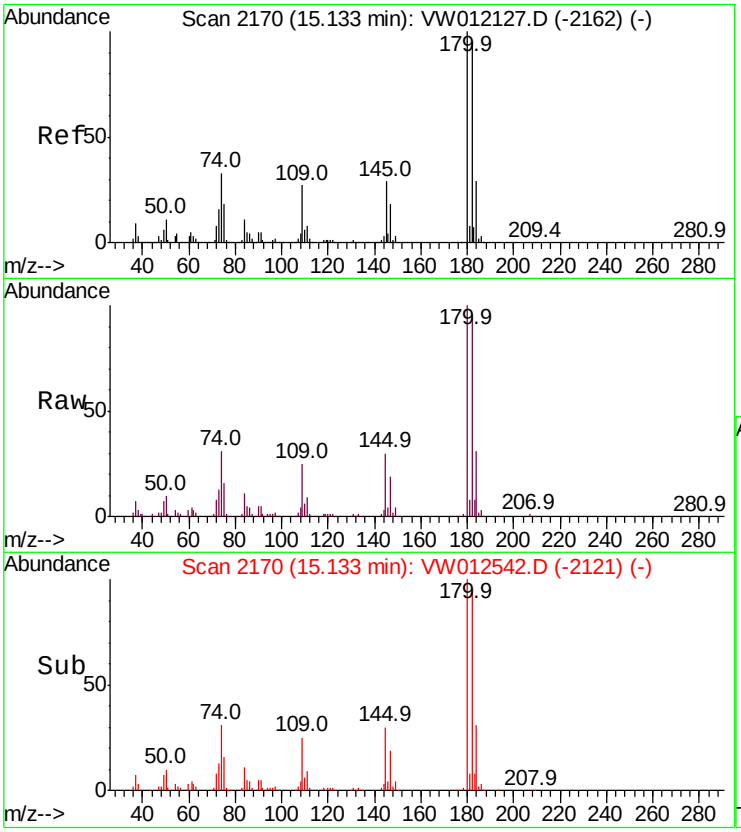


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.043 ug/l
RT: 14.48 min Scan# 2063
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion: 75 Resp: 7271

Ion	Ratio	Lower	Upper
75	100		
155	75.6	37.5	112.3
157	96.4	50.5	151.5



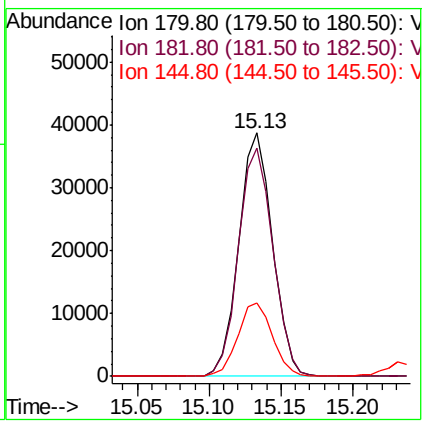


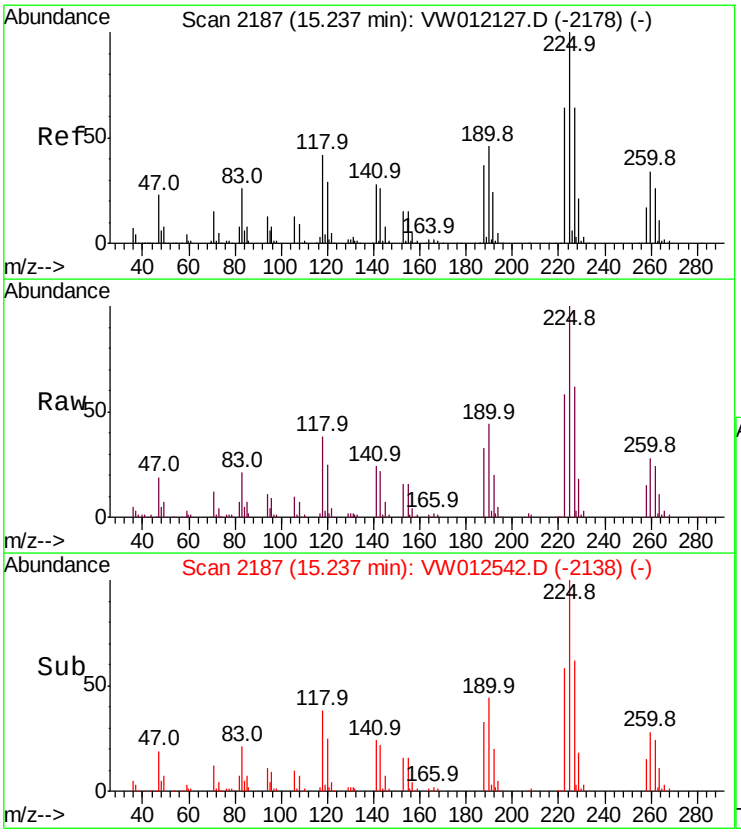
#93
1,2,4-Trichlorobenzene
Concen: 20.798 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:180 Resp: 62626

Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.4
145	31.1	15.0	45.1

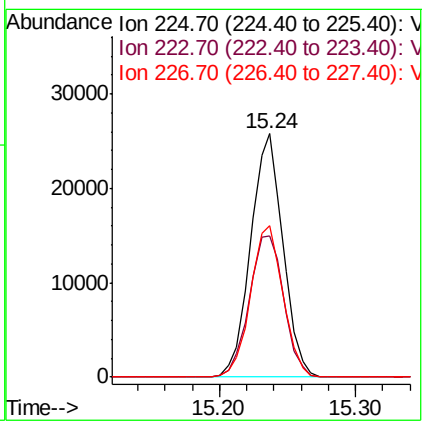


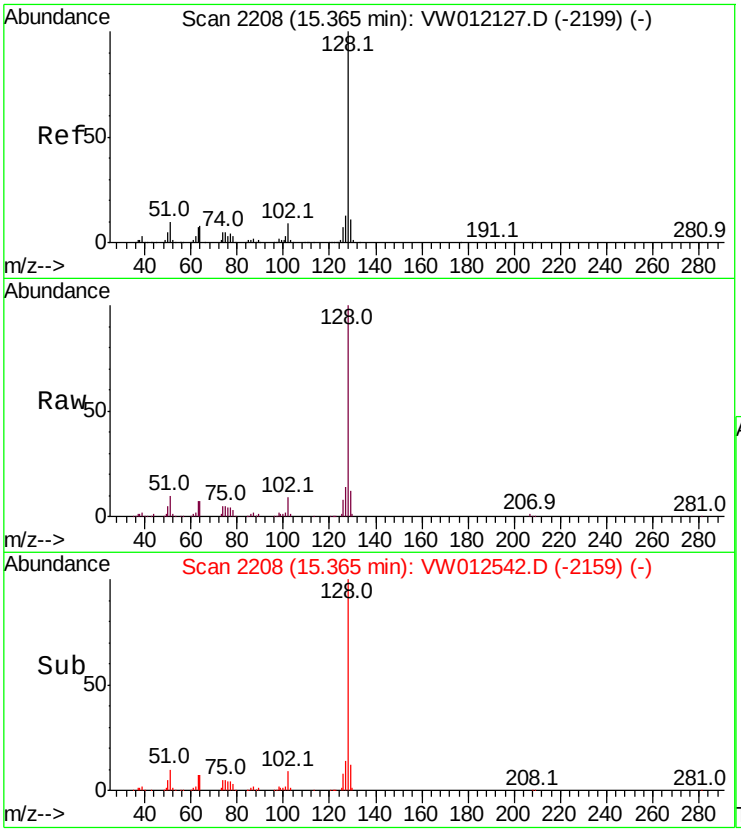


#94
Hexachlorobutadiene
Concen: 21.600 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion:225 Resp: 42947

Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.3	96.8
227	62.5	32.9	98.6



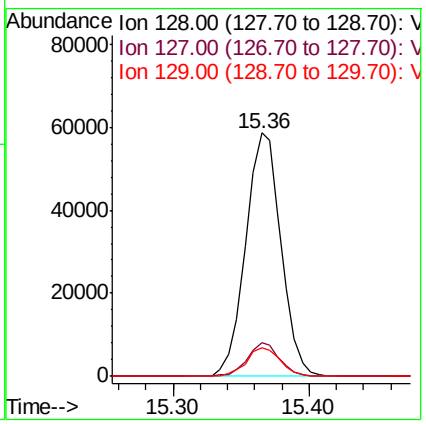


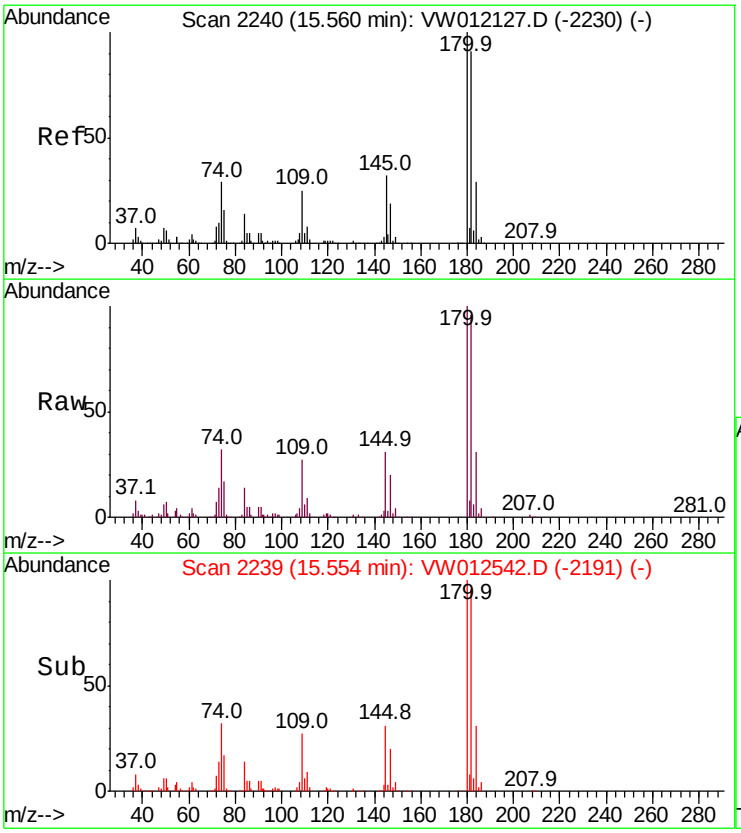
#95
Naphthalene
Concen: 20.835 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Instrument : MSVOA_W
ClientSampleId :

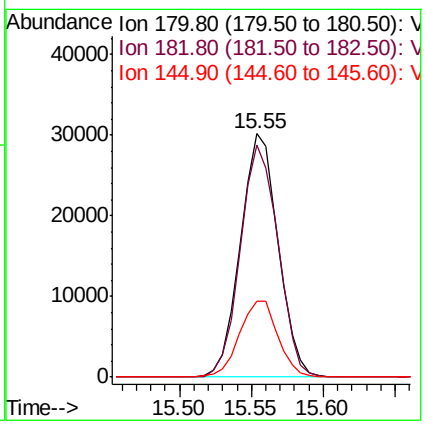
Tgt Ion:128 Resp: 106806

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.7	16.1
129	11.2	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 20.790 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012542.D
Acq: 03 Sep 2019 13:20

Tgt Ion:180 Resp: 54617

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.1	141.3
145	31.9	16.2	48.5